1988

It is fashionable at this time of the year to look back at the previous year and forward to the next. I make no exception to this rule and offer the following thoughts.

In April Apple2000 affirmed their commitment to support ALL Apple machines whatever they might be. With the consequent change to the editorial balance of the magazine, we showed an increase in our membership with many of the newcomers to the Apple scene. These people are often Apple II users who are now using machines that have been passed on as a result of upgrading to the IIgs or the Macintosh.

This support for ALL Apple machines will become even more important over the next few years, as 1988 heard the first rumours that the Macintosh might only have two or three years left before a new machine is launched.

On the Macintosh front we saw the introduction of the IIx, a machine that finally brought full compatibility with the ubiquitous IBM whatever its flavour. You can now read and write to any IBM disc (or Apple II disc) through Apple File Exchange!

With the launch of PageMaker 3, Freehand and Illustrator 88, the Mac II now brings desktop publishing, drawing and computer graphics all in glorious colour. There are a couple of colour scanners available on the market at the moment, all we need to complete the picture is a colour LaserWriter.

On the Apple II front, 1988 saw Apple itself affirm a commitment to the machines that launched the Apple phenomenon. A new //c was launched with a promise of another Apple II machine in 1989. The long awaited GS/OS was launched quietly on the world making the IIgs a formidable, albeit rather slow, machine, but has moved its compatibility to the Mac one step closer.

The IIgs is now the mainstay of the American primary education scene and with the announcement that the US Defence system has bought 40,000 of the machines (complete with PC Transporter cards), the biggest single order Apple has ever received, it looks set to conquer the world!

With the squabbling about compatibility that goes on in the clone world, Macintoshes are slipping quietly into the corporate markets. The Mac User show in November was notable for the number of first time potential owners who were seen.

Concourse was launched in the UK and AppleLink in the States. AppleLink is a spinoff from the private system that Apple use to communicate with each company round the world. The AppleLink Personal Edition allows the modem user in the States to get news and up-to-the-minute technical help at the end of a phoneline. Concourse is meant to be the equivalent for the UK.

I see a lot about AppleLink in the magazines, but not a lot about Concourse ...

1989

We are promised a new Apple II. IIgs owners hope this will be the long awaited GS+ which should bring the speed of the machine to a sensible level at last. There seems to be no real reason why the clock speed of the IIgs was ever made as slow as it is.

We hear rumours that Apple are going to expand their support to the user. From our standpoint in the UK it has seemed that all Apple seemed concerned with was selling boxes, not in supporting the problems and the market that the end user represents. It has seemed for a long time that user groups like Apple2000 have been beating the user drum all by themselves. A little support from Apple would not go amiss. Apple2000 provides a user support based on solving technical problems and helping new users through the thorny path of getting things up and running. We get little support from Apple on this front, just a little cooperation would not go amiss. How about our own AppleLink UK?

There have been many changes in the management structure of the European Apple companies during 1988, we await the results of these changes with anticipation.

The Apple computer has never been more important than it is now. It is the most user friendly of all the machines, and the power of the Mac IIx is all that most people will ever need.

Apple2000 itself is expanding. This means we need a constant supply of volunteers to do the various jobs. We now have an army of typists to get things onto a disc, what we need are more people to contribute articles and reviews. As members of Apple2000, you can all contribute to the magazine. Just send us a review, an article or a letter. We need articles of all kinds, both for the beginner and the expert, the Apple II and the Macintosh.

We hope that 1989 will not show a repetition of the various hiccups we have had in getting the magazine to you on time. The December magazine reached you nearly a month late. We have no excuses, we just must try better next time and applogise profusely to the advertisers who did not see their advertisments published in time for Christmas.

Best wishes from all at Apple2000 both to the members and to our dealer friends. We hope that you all have a successful 1989 in all your endeavours.

Ewen Wannop

NEWSBYTES ™

MAJOR 'HACKING' CASE DEVELOPS
*** EXCLUSIVE INSIDE REPORT ***

Prime Computer and the University of Surrey were in the news last week, following the arrest and cautioning of Edward Austin-Singh, a 23-year-old unemployed man from the Surrey area.

Singh was arrested on 9 October, following approaches he made to Prime Computer. NEWSBYTES UK understands that, despite press reports of Singh applying alleged blackmail techniques to Prime, he was, in fact, offering his services on a consultancy basis.

By his own admission, Singh has spent the last five years developing computer communication skills to the point where, given time, he can gain unauthorised access to almost any online system. According to reports in the London Times and The Guardian, he has gained access to NASA and several North American military computer networks, including Milinet, the successor to the Arpanet network, which links military and scientific academic institutions in the uS.

Singh gained access to the 200-plus networks he claims to have logged onto, by the simple expedient of using Surrey University's computing facilities. From there, he logged onto to Janet, an acronym for the Joint Academic Network, which links educational establishments together in the UK. There are also a number of international links to similar networks in the US and Europe, through which Singh gained access to the multiple systems he 'hacked' into.

Hacking is not an offence in the UK, despite a major court case involving NEWSBYTES UK's editor, which ended up in the House of Lords earlier this year. During the case, which is reputed to have cost in excess of two million pounds, it was ascertained that gaining unauthorised access to a computer system is not an offence in itself, unless the system and its files have been tampered with.

US Secret Service officials flew out to London late last week to interview Singh in the presence of senior Scotland Yard detectives. The outcome of that meeting, including any possible US prosecutions, has not been revealed. Singh himself has gone to ground, apparently pursued by several members of the British press, at least one of which has offered him money in exchange for an exclusive story.

Singh contacted NEWSBYTES UK in the earliest stages of the investigation, requesting advice on legal defence in the light of his initial arrest. NEWSBYTES UK directed him to the appropriate legal professionals and is continuing to assist him during this difficult time.

Despite much furore in the UK and US press, there appears to be little action that the respective authorities can take against Singh, since he has only gained access to database systems, and not actually damaged any information. A spokesman for the US Justice Department in Washington is quoted on the UPI NEWSWIRE as saying that Singh could face wire fraud charges. The spokesman noted that he could face additional treason charges, if he actually removed classified information.

As for Singh himself, he told NEWSBYTES UK: "I don't know what all the fuss is about. I thought the matter would blow over in a couple of days, but it doesn't appear to be doing so."

E-MAIL FAX WARS: TELECOM GOLD VS MERCURYLINK 7500 - LONDON, UK (NB)

It's been a busy week on the fax bureau service front. Telecom Gold rolled out is Mailfax service last week. The service mirrors Dialcom's announcement in the US last month, with fax pages priced in 1024 character blocks. UK pricing starts at 45 pence per 1,024 characters, rising for overseas faxes. Fax items can only be sent out, and not received inwards.

On the day that Telecom Gold rolled its system out (1 November), Mercurylink 7500, another E-mail service provider, announced that its introductory pricing (launched last month) was now permanent. Mercurylink's E-mail to fax pricing now starts at 25 pence per A4 sheet, subject to a 10 pence per fax transmission surcharge.

Mercurylink 7500 has also pitched into the battle with the offer of a free fax machine and a month's free delivery of E-mail to a designated fax machine. The prize goes to the name pulled out of a hat during November. To enter the free raffle, subscribers have to send one fax page during the month. The more faxes they send, the more entries they get.

NEWSBYTES UK has been doing some calculations, and works out that Telecom Gold's service is between 80 and 230 per cent more expensive than Mercurylink 7500's. The upside of the Telecom Gold service is that subscribers can interrogate the system as to the status of the fax, and receive a free confirmation of delivery into their mailbox.

CONTACT: MERCURYLINK 7500 - 01-528-2500
TELECOM GOLD - 01-403-6777

GENIE MAKES LIFE DIFFICULT FOR NON-US SUBSCRIBERS - ROCKVILLE, MARYLAND (NB)

As a member of 35 different online systems around the world, the NEWSBYTES UK bureau prides itself on pulling in the news faster than others in the computer business. With GEnie, the General Electric sponsored online system, launching the ST Profile newsletter, on its system, NEWSBYTES UK decided to sign up to investigate.

To make life simpler, NEWSBYTES UK used NEWSBYTES CENTRAL's address as a mail drop for manuals and other system documentation. GEnie, however, dictates that its operatives call you back at your nominated mailing address. Since the system is geared for a US area code telephone number only, NEWSBYTES UK was effectively stymied with proceeding with a sign-up, despite having given the usual credit card information.

After discussing the matter with several customer support executives, NEWSBYTES UK finally reached Scott Melnick, who explained that the current laws in the US do not allow GEnie to sign up non-US members. NEWSBYTES UK politely pointed out that

other US online services (Compuserve, Mnematics, The Source et al) all have facilities for foreign subscribers.

"I can't speak for the way in which Compuserve and The Source act in this respect, but we here at GEnie work to the laws of the United States. We don't sign up customers outside of the US or Canada," said the resolute Melnick.

After a few phone calls, NEWSBYTES UK has managed to rent an ID from a colleague in the industry. The colleague is a British citizen. He pays his subscription by debit from credit card. Clearly an illegal act, according to Scott Melnick. After $30 worth of phone calls NEWSBYTES UK now has access to GEnie, no thanks to the service's management.

* Subsequent to this episode, NEWSBYTES UK has been offered a free, but temporary, press account by Steve Haracznak, GEnie's press officer. We decline the kind offer of Mr Haracznak, on the grounds of GEnie's strange interpretation of the laws applicable in the US to non-US citizens.

CONTACT: GENIE - 0101-83-800-638-9638

CLARIS OPENS IRISH PLANT
DUBLIN, IRELAND 1988 NOV 11 (NB)

Claris Corporation has officially opened its Dublin software production and distribution facility. The plant will handle the European side of the company's activities, and will produce 40 software packages on a local basis.

European versions of Claris' software include: Macwrite 5.0, Macpaint 2.0, Macdraw II, Macproject II and Filemaker II in several languages. Languages supported by Claris' software include: Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Norwegian and Swedish.

According to Donna Dubinsky, Claris' vice-president of international sales, the opening of the Dublin facility reinforces the fact that Claris is an international, not just a US, software company. "Our international focus is woven into the fabric of the company's character, not appended as an afterthought," she said.

* Claris' 20,000 square foot facility in Dublin joins the company's four other international marketing offices around the world. Production of software commenced in September of this year, and the plant currently employs 25 local staff.

Contact: CLARIS CORPORATION
(US) - 0101-415-960-1500)

EINSTEIN WAS WRONG SAYS UK ELECTRONICS
MAGAZINE - LONDON, 1988 NOV 19 (NB)

The December issue of Electronics and Wireless World carries a contentious article on measuring the speed of light. The article, penned by Professor P T Pappas and Alexis Obolensky of New York, postulates that objects can travel faster than light. This is in direct conflict with Einstein's Theory of Relativity.

The two academic authors have designed and built an electronic circuit which measures the speed of light to great accuracy using a highly-sensitive oscilloscope. The results of their tests have concluded that the speed of light varies with the direction, time of day and polarity of current uses. The experiments also showed that many pulses travel at two or more times the speed of light through the circuit. Most astonishingly of all,

certain pulses travel virtually instantaneously through the circuit.

The experiment reports are bound to create quite a controversy in the academic world. If correct, however, then the implications for computers are tremendous. Given the right conditions, computer calculations could be speeded up, far beyond current processing speeds.

Electronics & Wireless World - (UK) 01-661-8638
Alexis Obolensky, Bromion Inc, NY - (US) 914-753-2761)

BIX INTRODUCES MENUS, BBS SERVICE AND PRINT NEWSLETTER - PETERBOROUGH, NEW HAMPSHIRE, US, 1988 NOV 26 (NB)

BIX, Byte magazine's Byte Information eXchange, has announced a number of enhancements for its subscribers. The enhancements include system menus, an electronic service for bulletin board system operators and a new weekly print magazine.

The menuing system, introduced to subscribers last week, gives BIX a user-friendly front-end system on a par with Compuserve and The Source. Users can also obtain fast access to all their messages, which can be downloaded en-masse from the system.

The BIX BBS service is called the BBS Exchange, or BBX for short. Charter memberships cost $160 for the first year, or $50 for a three month trial period. From January 1989 onwards, the service will cost $199 a year. Amongst the many benefits to sysops is the offer of a limited licence to reproduce BIX's daily news in an annotated form, and an interaction between a single line BBS and the BIX system proper.

The third enhancement from BIX is called Byteweek, a weekly print newsletter drawing on the resources of BIX's daily Microbytes computer news service. Byteweek is to be published 50 times a year at a charter subscription cost of $395. From January 1989, the service will cost $495 per year.

BIX: (US) 603-924-7681)

EEC CONFIRMS JAPANESE PRINTER LEVIES FOR FIVE YEARS - BRUSSELS, BELGIUM, 1988 NOV 23 (NB)

The EEC has confirmed that its penal levies on 14 Japanese dot-matrix printer manufacturers, will continue for at least five years. The confirmation has resulted in considerable protest from the companies concerned.

The levies, which range from 4.8 per cent (on TEC printers) to 47 per cent (on Fujitsu printers) were first imposed in May of this year, following allegations of excess inventory dumping from European printer companies.

The Committee of Japanese printers (Japanprint) has registered a strong complaint with the EEC over the confirmed levies, which were announced after a two day meeting of EEC ministers last week.

Only one company, Epson, appears to have come off well from the confirmed levies. The May 1988 levy was 433.4 per cent on Epson dot-matrix printers, and has been reduced to 25.7 per cent with immediate effect.

Steve Gold - Newsbytes™   🍎

The Newsbyte files are published each week on TABBS and can be read or downloaded. (Ed)

Goodies Corner

If you are still wondering what to do with all those grubby fivers that your Great Aunt matilda stuffed into your Xmas card, perhaps our goodies list will provide a few suggestions.....

'Lords of Conquest' from Electronic Arts is a computerised board game in which you battle and scheme to rule to world. The game map can be customized and a full strategy game design system is included so that you can make up your own games. Costs around £15.00 for Apple// version.

The ultimate book to help you understand the deep secrets of the ProDOS operating system has to be 'Beneath Apple ProDOS' by Worth and Lechner. A darned good yarn with a fascinating plot, this could be your ideal winter reading companion for around £20.00.
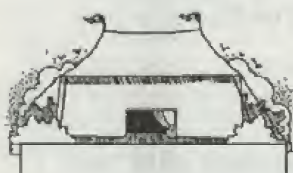
Master Tracks Junior is a program intended to give you a low cost MIDI recording studio on a macintosh or (with a Passport MIDI interface) on a IIGS. Up to 64 tracks may be input either by playing the MIDI instruments into the machine or by step inputting note by note. You can then move through the tracks by use of scroll bars and cut and paste elements of the song using very accurate timing techniques. Price around £150.00

The first two titles in the Reading Magic series should be available for the Mac this spring. 'Jack and the Beanstalk' and 'Flodd. the Bad Guy' are interactive story books that maintain a high level of interest in the young reader by allowing the child to choose what happens next. The graphics look good. and the software is already available for the Apple// series from around £25.00 per title.

'Seven Cities of Gold' is described as an educational adventure which takes you back to the early 16th century and puts you in the shoes of the Spanish Conquistadors. You must navigate the great oceans and explore the land which consists of over 11,000 square miles of terrain. The Apple// version costs around £15.00 and the mac version around £20.00.
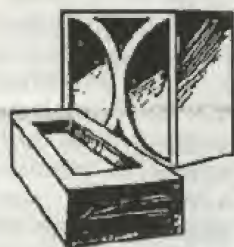
If you were given a guitar for Xmas you might like to use the 'Guitar wizard' to help you learn to play it. It helps you with the fingerings and fretwork for all the chords and scales by use of graphic displays and any screen can be printed out. Advanced users can use the software to improvise new fingering patterns and harmonys, and the program is available for the Mac (around £33.00) and the Apple// (around £28.00).

Appleworks is great but always appreciates a few improvements. Hare Patch is a series of patches which do various useful things including allowing greater than 9 copies in a single print command, leave print directives on at the end of each line and, my favourite, print a file to disc without Appleworks adding carriage returns at the end of every line. Around £5.00 for a 5.25" disc.
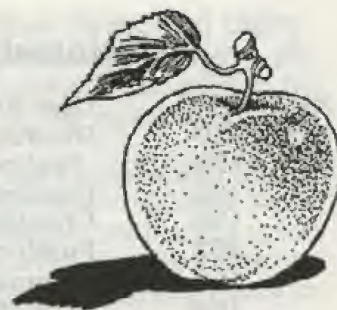
HAPPY NEW YEAR
APPLE2000
MEMBERS

What looks like the best CAD system for the Apple// series is now available in the UK. CADAPPLE comes from the famous Versacad company, is available for the Apple//e, //c and IIGS, and supports joystick, mouse or digitiser input. On-screen menus and context sensitive help is provided, up to 250 drawing layers are provided, zoomed views may be stored and output drivers are provided to many pen plotters and to some matrix printers. An entry level package is available for around £97.00, and this may be upgraded to a full featured version for £329.99.

Most of the reputable dealers will be able to get these products for you but if you have any difficulty or need more info then contact MGA Softcat on 0233-83571

Macintosh Technical Notes —Issue of October 1988 and others

R released revision   *** newly released 10/88

Quark XPress v2.0A

Quark Inc. has announced the shipment of a new version of Quark XPress - v 2.0A - which fixes some bugs found in version 2.0.

The main reason for the release is to fix the "unexpected results" experienced by some users when transferring files from XPress 1.1 to 2.0, which was due to the different methods used by the two versions to calculate leading.

The new version is fully compatible with the QuarkStyle template-based program, and shows an improvement in the method of adjusting grey-scale output to the Linotronic typesetters.

The above information came from U.S. sources. The upgrade is free to registered users of v2.0 in the States, but we have not received details of the upgrade from UK sources.

The UK distributors for Quark are Heyden and Son Ltd (telephone 01 203 1027). If you have already purchased v2.0, it may be worth contacting them to ask whether the same offer will apply locally.

A new (commercial) virus detection utility

A new entry into the commercial software field is the virus detection and repair utility, Virex, written by Robert Woodhead (author of the shareware virus detector, Interferon).

Both products detect the Scores, nVIR and Sneak viruses, and give detailed reports of their tests. Virex also has the ability to repair files corrupted by these viruses, but the manual warns that repairs may not always work - so you may find it better to go back to a master copy.

It is claimed that Virex will be supported by updates to include any new viruses appearing on Macs, which leaves one wondering where the authors acquire their intimate knowledge of these viruses?

We could also ask what Apple are doing to protect their users - after all, they must surely feel some responsibility? Apple2000, like dealers, were issued with a copy of a virus detection utility for distribution (free to members, if you send in a disk), but this has been Apple's only contribution to the recovery effort.
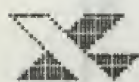
Microsoft Products

Microsoft Corp. charged $350 each to attendees at a recent Excel developers' seminar. They were given additional details of proposed revisions to the program when version 2.0 is released, but no release date was given. It is assumed that this will not be too long in coming, though.

Capabilities promised for users of version 2.0 include the ability to access up to 12 Mbytes of RAM, auditing features, more keyboard shortcuts and compatibilty between Mac and IBM formats of the program.

Some developers complained that the IBM version is overtaking the Mac version of the program, but Microsoft denied that there is a differentiation between the systems, and affirmed their commitment to the Mac product range (despite the disputes over copyright).

According to American sources, Microsoft Works v2.0 is available, with support for three-across labels, enhanced drawing capabilities, and Date and Time functions in spreadsheets.

We understand that the upgrade from v1.0 or v1.1 will cost $75, but for those who purchased v1.1 after 1st August, the upgrade will be free.

We tried to contact Microsoft (UK), to find out whether this offer is valid in the UK and Europe, but they were not available - apparently, the whole office closed down for the Christmas and New Year period - including the full Technical Support staff!

Excel v1.5 Problems - unearthed by Geoff Wood

When I upgraded my Excel 1.04 to version 1.51 I was very pleased with the new features but disappointed to find that when I typed in 11/12/88, it displayed the date as 12/11/88 because the default date format was m/d/yy instead of d/m/yy.

Fortunately, I attended a 1 day course on Excel 1.5 and found that the version used on the course accepted British style dates. I wrote to Microsoft and they sent me version 1.51a with apologies that a few copies of the program were shipped before this problem was discovered. If you have the wrong version, contact Julie Wilson at Microsoft.

However, versions 1.51 and 1.51a both have a problem that did not exist in 1.04. They can't cope with mixed date formats in a chart. I loaded in a chart (created with 1.04) that had monthly data from June 1986 to September 1988. Most of the date cells were formatted with mmm to show Jan, Feb, etc, but June 86, Jan 87 and Jan 88 were formatted with

mm-yy to show the year as well as the month. To my amazement, the Excel 1.51 chart displayed all the dates as serial numbers (dating from 1 Jan 1904) whereas Excel 1.04 displayed the mixed date formats.

I found that if all the dates were formatted mmm, the chart displayed the month names, or if they were all formatted mmm-yy the chart displayed the month name and the year, but it wouldn't display mixed formats. By chance, I discovered that if one of the dates was typed as text, the chart displayed the mixed date formats, but don't ask me why this worked! This makeshift solution must be what is known as an 'undocumented feature'. Make a note in your manual.

Microsoft is aware of the problem and is currently researching it. If anyone else has had problems with Excel 1.51, please let me know and send details to Microsoft.

PUZZLE TIME !

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A N G U E W J H G F D F U L L W R I T E N P C S
O S H S N E W S R O O M F E A U I N L I N D R D
T K G H T R Y U I P J H S D V F I J H B E A I F
F R E E H A N D A M A C R O W O R K S P P S C O
A O E Y L D C Z I Y T D F S P O D O G W M X K F
S W R K A I C R A W O A P N U V I D G O O C E C
W E E E A J T A Q Y P P I L O D F K A N R R T N
R L D I A M T E A M D P A Z U C V B T O S T D F
E P R H Y P E R C A R D P T D R W A J U A O R L
S P Y A D E E L I D A M S S G A Z E L L E U A I
E A D C P H U G I A W C P S G R E P A E I T W G
K P E K E D A Y L F I L I T U Y I R X E R Y Z S
I S R E T W E S L S S S L O S I O S O I O E S I
R N A R I C E A U O I B I T Y B T R A M T L A M
T O O K R E B M S N N H O P L E P C U T E T X C
S Y E L W P A G T I M E O U T O W L A L L S P H
E B I T C E R A R H O C T A E R T O G S R A O U
H N Y W A R D C A M N N S B U I B U G S E C H C
C O R E M A M O T I O S V I S T E C H N O K S Y
A A J T M S H O O Z T A R C H I C A D P U R T E
P A G E M A K E R I E D R S O L I A C C O A N T
A T I N A W P M M S L I G H S K R O W O E D I V
M A R T E E C E L A B U Y S A L Y I F O G T R E
X E T T O A S U P E R C A L C R G O C E Y M P A
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If you think you know your Apple software catalogue inside out
then try to find all the goodies hidden away in the word maze........
no prizes but answers will be given in the next issue of slices.

Extended Hotline Support

We now have two Hotline access points. One for the Macintosh and one for the Apple II series. The new Hotline will be run by Anthony Dart who will provide help and support for the Macintosh. The Apple II and its various varieties will be supported as at present by Dave Ward.

Both Tony and Dave will try and answer your problems directly. If they are unable to do so, they will pass you on to one of our many individual experts.

If you have a special expertise and would like to be part of this panel of experts, please let either Tony or Dave know about it.

As the business of Apple2000 is personal help and information sharing, we would like also to be able to regularly publish a list of experts in various fields. If you are prepared to be on this list, please write to us at the PO Box in Liverpool and tell us what you are expert in, and how people may contact you.

If you can be contacted directly by phone, please tell us what times you will be available. If you prefer to be contacted indirectly, please give us full details. 🍎

Hotline Access

Macintosh

Tony Dart Weekdays

Apple II

Dave Ward Weekdays

Christmas Quiz

We had hoped to bring you the answers to the Christmas Quiz. However, Mick Knapp who set the puzzle, tells us that owing to an excess of Christmas Spirit, the answers were wiped from the disk!

I hope you all enjoyed the puzzle all the same. 🍎

AGM

You will see the details of the AGM later in Slices. We shall be having a general workshop as well on the day so even if you are bored by the events of an AGM do come along and meet friends old and new. You can even put faces to the names behind Apple2000. 🍎

Wanted

Apple2000 are in need of a revision B NTSC motherboard for an Apple //e. This is the American board that has the 80 column card slot offset to the left and front of the board, and has the American NTSC colour output instead of the European PAL colour. We have an existing PAL //e, so would consider a swap as well. Please reply to PO Box 3, Liverpool L21 8PY.

Letter Box
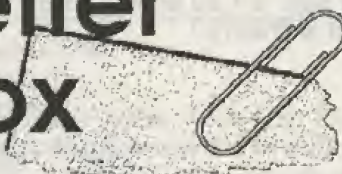
❏ Owing to the welcomed and ever increasing Post Bag, we are publishing in this month's Slices the latest crop of letters, and their answers. Keep them coming, we will find space for them all somehow!

Thankyou
Customer

Dear Sir,

As a new member of Apple2000 I thought I would write and thank yourselves and someone else who has helped me to get started in Apple computers.

I recently bought a secondhand //e computer and knowing nothing about it let a so-called professional mess with it. To my horror he messed it up good and proper, after contacting you, and you kindly informed me of a company in Scunthorpe called ESCO (Eric Sausse) he has now repaired my Apple with the greatest of speed and reasonable cost. I would like to thank Apple2000 and Eric for the help you have given. **Paul Cantillion** 🍎

More data for
library

Dear Sir,

Is there any more descriptive data on the Apple II CPM and Pascal programs which are in the library in addition to the titles given on the library disc. Has there been any update to the original disc library booklet? **MS Ratcliffe**

❏ The library has passed through many hands over the years. I am sorry to say we have no more information than is displayed in the present Library Catalog. The task is formidable to try and do anything with it at the present time. We have a temporary printout of this Catalog available, but we plan a more finished product over the next month or so. We shall advise members through Slices or the magazine when this is ready. 🍎

Modem and Comms
Reading

Dear Apple2000,

We spoke briefly before Christmas about my interest in buying a Linnet modem for my Apple II+.

My query at that time was that although offering the modem at a reasonable price there remained the problem of obtaining the software. The package offered by Microlink offers "Data Highway Software" or "Vicom" and the "Kolour Software" special offer listed the "Antelope" or "Gazelle". ☞

So I need to know where I can buy the software because I do not wish to be modemed without the software to drive it.

There is now one minor complication to be considered. I am presently thinking of up-grading either to a //e or a IIgs. If I do so will I still be able to use the modem and software?

George Perry

❑ This is a subject that has been covered before. However the availability of software can change as time goes by. Data Highway for instance has been discontinued, but a similar program running under DOS 3.3 and from the same author is now available. This program is called "The Antelope" and will be available shortly from Apple2000 for £25. Vicom which runs under DOS 3.3 is still available from Apple dealers.

Most of the newer software will not run on the Apple II+, Gazelle which runs under ProDOS, will only run on the //e, the //c and the IIgs. The same is true for Access II and Point To Point.

If you are going to upgrade to a //e or IIgs, I would suggest waiting till then to buy the software. ProDOS terminal programs like Gazelle are much more powerful then their DOS 3.3 equivalents. The modem and serial card will work fine on the //e, and will fit into Slot 2 of a IIgs. However the internal IIgs serial port can be used directly to the modem, thus avoiding the need for a serial card. This port however needs software that can recognise it. The IIgs version of Gazelle and Point-To Point both see and use the IIgs port. Ed   ⬤

Torrington St Clement
Kings Lynn

Dear Sir,

I had an Apple II+ for several years and it gave me a lot of pleasure. However I decided to sell it and upgrade myself to the much vaunted IIgs. I purchased the 256K monochrome version with both the 3.5 and 5.25 disc drives, AppleWorks and MouseDesk 2.0. I have never really found a use for MouseDesk. It certainly won't copy the 5.25 disc to itself, i.e. Source and Destination are the same. The new software I'd purchased, mixed games and educational, for the 5.25 drive failed after a few boots. I appeared to have a machine that wouldn't do as much as the original Acorn. My dealer, when approached was helpful but put it down to my ignorance of the system. Apple UK whom I telephoned weren't interested. Apple User had gone defunct and I was receiving copies of MacUser that were about as much use as my IIgs. Albeit it would run AppleWorks quite happily.

Le Crunch

I joined Apple2000; what had I to lose? Living in East Anglia with an Apple IIgs I was a pariah miles from the nearest sensible computer user. No one to talk to. I duly received my Apple2000 introductory disc and popped it into the machine: after the startpic I got the message:- Sysbeep Toolkit $2061. (I forget the exact line No.). I tried several more times but the system hung each time. I then contacted my dealer and arranged to take the whole kit and caboodle back for self tests. As an aside, he'd never heard of the ROM B chip either. Another miss.

Diagnosis

We exchanged 3.5 drives with the same results on both the 3.5 and 5.25 failing to boot. The dealer suggested that the Apple2000 Intro disc needed more than the 256K of Ram I had available.

I demurred, pointing out that the 5.25 software would never need that much Ram: also Apple2000 would have advised if 512K Ram was needed. We then plugged an extra 512K of Ram into my memory expansion slot. Eureka! Eveything booted and ran normally.

Prognosis

There is a glitch in the Ram of my IIgs which prevents program loading except on the odd occasion. AppleWorks - I'm guessing now! Loads into HIMEM, thus bypassing the glitch in the Ram and therefore boots and runs OK. Admittedly I don't know where it loads files.

Cure

Buy a memory expansion card and allow the machine to ignore it's cracked memory. Isolating and replacing the offending Ram chip being an expensive business.

Question

Have any other IIgs users suffered a similar fate and or do you agree with my diagnosis? Or am I barking up the wrong tree.

JG Parker

PS Can anyone help me with a listing of GS Gilbertson's Apple patience? I had hours of pleasure with that game.

❑ Oh dear, a very red face at Apple2000! But first the software that failed after a few boots. If possible, always back up your disks, and boot from the backups rather than the originals.

If anyone has the listing mentioned, we will publish it for all to see in the magazine. I am assuming of course that it is public domain.

Problem

The IIgs introductory disc was remade by Ewen Wannop last summer. In an effort to make it show off the IIgs to its best advantage, various things were added to the SYSTEM.SETUP directory. However, as is the way of things, I did not think to remove my memory expansion card and try the disc without it. There are two sound utilities that have been added to the folder, and these require more memory than is available on a straight 256K machine. If STARTSOUND and SYSBEEP are removed, then the disc will boot correctly.

AppleWorks runs under ProDOS 8, and as this only uses the first two banks of memory, it loads and runs correctly. ProDOS 16 programs require more memory to operate correctly. The new GS/OS operating system requires a minimum of 512K. AppleWorks GS requires a minimum of 1256K and preferably 3.5 megabyte for ease of use!

Conclusion

There is nothing wrong with your Ram, though this does not explain the 5.25 disc problem. There is something wrong with the IIgs disc on a 256K IIgs!

Moral

Think sideways, and check everything out very carefully before releasing it to members. Rework the Introductory disc so it will correctly run under a 256K machine.

Ewen Wannop   ⬤

Lincoln
Lincs PE2

Dear Editors,

Firstly a tip - obvious for those that know their systems well;

If you are using MBasic on a Softcard (or Z80 card with the same memory re-assignment) and wish to boot a DOS disc without switching off!

Assign a variable with the value &HC600 then type CALL % (Variable name) and the disk will boot from Slot 6 - change the &H value for other drive slots.

Secondly; does anyone know how to modify Format-80 Enhanced to use a Ram disk and two drives? (Slot 5 and 6 respectively). I recently acquired a 128K Ram card and wish to use it to edit on - using the drives for occasional backing up.

Rex MF Smith

Royal Sailors Rest
2A South Street
Gosport
Hants
PO12 1ES

Dear Sir,

We operate an Apple //e and have a TABS Nominal Ledger Module for our Accounts. We understand that they used to have a Management Account Module but as they have gone down the IBM channel this is no longer available.

In view of this, we are seeking someone who may have one available or who has suggestions of a program to convert our Trial Balance to Final Accounts.

The TABS Specification was a follows:-
MANAGEMENT ACCOUNTS

This module is used in conjunction with the Nominal Ledger and takes the Trial Balance to Final Accounts via Desk Top Plan and TABWRITER. The module has up to 6 working columns of figures and allows the user to input his Accruals, Pre-Payments and Adjustments. All entries can be examined in order to see how the final figures are derived. Desk Top Plan is used to store the figures of previous financial periods for comparison on the printout of the Final Accounts.

HAB Wilson

❏ Can anyone help Tony Wilson please?

7a Wellmeadow Road
Hither Green
London
SE13 6TA

Dear Apple2000,

Thank you for the Intro disc. Got it running in spite of ProDOS on my II+ after some trials. My //c is not working.

1. Some info for you, just in case, the US Apple mag In-Cider is available from Grays Inn Newsagents, 50 Theobalds Road, Holborn, London WC1. Last week of month is a good time.

2. I acquired an Apple ///. Have you got anything which will help me to understand SOS and Business Basic? Is there a nearby Apple2000 member who would show me the ropes?

3. In any case I'd be pleased to swop it for a naked 128K Apple //e capable of Double Hi-Res. The /// has a built in disc drive.

Peter Mayer

❏ The Apple /// is a rare beast. We know of very few amongst the members. Perhaps those that have them are so fascinated they have blended into the woodwork. There will be some articles on the /// in the April magazine, however the author lives in Sweden, hardly nearby! He is willing to communicate with other enthusiasts, so watch out for April Apple2000.

7 Woodside Gardens
Chineham
Basingstoke
Hants
RG24 0HU

Dear Sir,

Please could you tell me if there is software available to make it possible to use my //e to design kitchens?

If so any idea of what cost and who should I contact?

David Knight

❏ I do not know of anything specific but you could try CadApple from VersaCad ($395). There was a powerful but cumbersome design system called Robo BitStik 1000. Although this is now obsolete, you may be able to obtain a copy secondhand. It cost £1000 new.

MGA SoftCat in Kent will probably be able to help you find something suitable.

The Park School
Barscroft Lane
Hawkhurst
Kent TN18

Dear User Group,

We have been given two Apple II Europlus computers by Ford Motor Co. at Dagenham and I'm seeking some suitable software.

Basically these will be used for word processing, spreadsheet and possibly some database processing.

They will be used by teachers (ie. not trained typists or secretary WP's) so we need them to be user-friendly.

Could you also advise on necessary leads for printer (Dot Matrix Epson/Seikosha type). There is a control card for printers and a short lead attached.

Joyce Jordan

❏ To fill your needs I would suggest you would be well advised to obtain a copy of AppleWorks V1.3 which will do all three things. However you would also need some other pieces of hardware as AppleWorks will not run on a II+ as standard. You will need a Videx 80 column card (or clone) and a PlusRam Ram card. AppleWorks, and in fact most word processors, need 80 columns. The PlusRam card (available from Apple2000), will not only expand the memory available for AppleWorks but has enhancement software to make AppleWorks work on the II+.

The usual printer cable has a Centronics plug at one end and a connector to suit the printer card at the other. As you are very near Maplin Supplies at Rayleigh, I suggest you contact them for a suitable cable. They offer a cable make up service as well.

Watford
Herts

Dear Ewen,

I am writing to you about problems I have had with /RAM5 Ramdisk on a IIgs. I found that if I did a verification of the RAM disk, from GS/OS, a message indicated that there were several bad blocks. I interpreted this as being a fault and consequently returned the memory card to the suppliers, the response was far from satisfactory, according to them there was nothing wrong with the card and no explanation was given. When I tried the verification on my perfect card again I got the same response. This problem had been perplexing me for months, until I read an article from the December issue of inCider. I have enclosed a copy of this article and, although it doesn't directly deal with my problem, it lead me to a solution.

I normally have my Ramdisk set to a minimum of 0K, so that it doesn't use up any more memory than needed but, as explained in the article, this can lead to problems with the Memory Manager and the way in which it allocates memory. I found that the only way in which I could get a good verification was to set the maximum and minimum memory to the same value. I also had the same problem as the writer of the article in that I couldn't copy multiple files properly. Surely these problems should have been cured with the advent of the new Finder.

Another interesting thing to try is to keep a key pressed down on the keyboard when you switch on your GS. A text screen appears while GS/OS is loading, displaying the version numbers of various components of the system disk.

MJ Conquest

❏ I have not reprinted the article, but the gist of it is that of course the /RAM5 is part of main memory. If the minimum memory is set to 0K, then the memory manager is liable to allocate it for copying or verifying procedures. When you then try to copy files, it uses this space as temporary storage, and then overwrites itself as it stores the files.

The solution is to set the minimum Ram to the same as maximum, or to the amount needed for copying files.

Try pressing the Option Key as you select 'About The Finder' from the Apple Menu. They don't even sell the IIgs in Australia!

❏ It is noticeable that the preponderance of letters are from Apple II and IIgs users. Either our Macintosh friends do not have problems, or they are all too busy to write letters to us! These letter pages are for all members to use. They can air their views or ask for solutions to their problems.

❏ You will have seen the various pictures scattered about this copy of Apple Slices. These are all Pict files, and all come from a series of discs from Adverkit International. There are four discs in the Advertising Minipics set. We shall be bringing you a review in a future issue of Apple2000 magazine.

New additions to IIgs Library

We have two new additions to the IIgs library. Disks 2GS011 and 2GS012 contain a collection of programs and utilities from the Public Domain and Shareware. They also include some updates to programs on other disks. See the article in the February issue of Apple2000 for details of how to use these programs. All the programs have been available for downloading on TABBS.

Order from the PO Box in Liverpool as 2GS011 and 2GS012 at £4.50 each.

Disk 2GS011

```
/LIBRARY.11/
  =EXPANDER          DIR       1    3-FEB-89
    =EXPANDER.SYSTEM SYS       6   18-SEP-88
    =EXPANDER.DOC     TXT       6   18-SEP-88
    =FINDER.DATA     $C9       1    3-FEB-89
  =FIXER             DIR       1    3-FEB-89
    =FIXER.DOC        TXT      17    5-JUN-88
    =FIXER           $B3      22    7-JUN-88
    =FINDER.DATA     $C9       1    3-FEB-89
  =ZIPCHIP           DIR       1    3-FEB-89
    =STARTUP          BAS       4   20-AUG-88
    =ZIP.SYSTEM       SYS       3   15-AUG-88
    =ZIP.SYS.INSTL    BAS       8   20-AUG-88
    =READ.ME          TXT       6   20-AUG-88
    =FINDER.DATA     $C9       1    3-FEB-89
  =ACER              DIR       1    3-FEB-89
    =ACER            $B3      74   25-SEP-88
    =FINDER.DATA     $C9       1    3-FEB-89
  =NIFTYLIST         DIR       1    3-FEB-89
    =NLIST.DESC       TXT      38    4-OCT-88
    =NLIST.DATA       TXT      71   30-SEP-88
    =NIFTYLIST.CDA   $B9      43    4-OCT-88
    =NLIST.REV        TXT      20    4-OCT-88
    =FINDER.DATA     $C9       1    3-FEB-89
  =GAMES             DIR       1    3-FEB-89
    =HANOI           $B3      61   16-OCT-88
    =KB.ICONS        $CA       7   17-OCT-88
    =YAHTZEE.ICON    $CA       3   30-JUN-88
    =YAHTZEE.DOC      TXT       4   24-SEP-88
    =YAHTZEE         $B3     119   25-SEP-88
    =ART.DECO.36     $C8      29   25-JUN-88
    =BLACKJACK       $B3      59   17-SEP-88
    =BLACKJACK.DOC    TXT       8   22-NOV-88
    =BLACKJACK.ICN   $CA       6   22-NOV-88
    =SUPERLATHE      $B3      44    3-SEP-88
    =FINDER.DATA     $C9       1    3-FEB-89
  =DESK.ACCS         DIR       1    3-FEB-89
    =FINDER.DATA     $C9       1    3-FEB-89
    =MPHASE          $B8      25   17-NOV-88
    =CRAYON16320     $B8      43    6-NOV-88
  =UTILITIES         DIR       2    3-FEB-89
    =SELECTOR         DIR       1    3-FEB-89
      =SELECTOR.LIST    TXT      30   24-OCT-88
      =SELECTOR        $B3      37   30-NOV-88
      =SELECTOR.DOC     TXT      31   30-NOV-88
      =FINDER.DATA     $C9       1    3-FEB-89
    =UTILITYWORKS     DIR       1    3-FEB-89
      =UWGS.DOC         AWP      84   27-NOV-88
      =READ.ME          TXT       4   27-NOV-88
      =UTILITYWORKS.GS $B3     147   27-NOV-88
      =UWGS.LAUNCHER   $B3      71    2-JAN-89
      =LAUNCHER.DOC     AWP      50    2-JAN-89
      =FINDER.DATA     $C9       1    3-FEB-89
    =FUNCTION.KEYS     DIR       1    3-FEB-89
      =SETKEYS          CMD       1   19-JUN-88
      =FKEYS.ON         SYS       1   19-JUN-88
      =FUNKEYS.DOCS     AWP      19    1-AUG-88
      =FUNKEYS.INIT    $B6       8   27-JUL-88
      =FKEYS.OFF        SYS       1   19-JUN-88
      =FINDER.DATA     $C9       1    3-FEB-89
    =HDFORMAT          DIR       1    3-FEB-89
      =HDFORMAT.DOC     TXT       6    2-DEC-88
      =HDFORMAT         SYS       4    2-DEC-88
```

```
      =FINDER.DATA      $C9        1   3-FEB-89
    =FINDER.DATA        $C9        1   3-FEB-89
    -FONT.STUFF         DIR        1   3-FEB-89
      -CHSW.1.03        $B3       24   8-NOV-88
      =FONTINVERT       $B3       79  25-NOV-88
      =FONTINVERT.DOC   TXT       28  25-NOV-88
      =LAMONI.9         $C8        6   4-NOV-87
    =CHANGE.FILE        DIR        1   3-FEB-89
      =CHG.FIL.DOC      AWP       11  12-JAN-89
      =CHANGE.FILE      SYS       14  12-JAN-89
      =FINDER.DATA      $C9        1   3-FEB-89
    =SOUNDSTUDIO        DIR        1   3-FEB-89
      =SNDSTUDIO        $B3      107   3-FEB-89
      -USER.DOC         TXT       12   3-FEB-89
      =FINDER.DATA      $C9        1   3-FEB-89
    =GRAPHIC.TABLET     DIR        1   3-FEB-89
      -TAB16.NDA        $B8       20   2-NOV-88
      -TABLET.DOC       TXT       26   7-NOV-88
      =FINDER.DATA      $C9        1   3-FEB-89
  =FINDER.DATA          $C9        1   3-FEB-89
  =FINDER.ROOT          $C9        1   3-FEB-89
```

Disk 2GS012

```
/LIBRARY.12/
  =DISKTIMER          DIR      1   3-FEB-89
    =DT.LIST          TXT      3  13-DEC-88
    =DISKTIMER.DOC    TXT     11  13-DEC-88
    =DISKTIMER        $B3     19  12-DEC-88
  -JUMPSTART          DIR      1   3-FEB-89
    =READ.ME.TXT      TXT    102  12-DEC-88
    =INSTALL.JSTART   $B3     19   4-DEC-88
    =BOOT.S5.D2       TXT      1  11-APR-88
    =WHATS.NEW        TXT      6  16-JAN-89
    =JUMPSTART        $B3    198  20-JAN-89
  -TALKING.MOUSE      DIR      1   3-FEB-89
    =TM.DOC           TXT      8   6-JAN-89
    =ICONS            DIR      1   3-FEB-89
      =MOUSE.ICON     $CA      1   4-JAN-89
    =TALKINGMOUSE     $B8     21   6-JAN-89
  -HYPERLAUNCH        DIR      1   3-FEB-89
    =SOFTBOOT         SYS      1  30-DEC-88
    =HL16.DOCS        TXT      8  31-DEC-88
    =START.ENC        BIN     58  31-DEC-88
  =DEV.UTILITIES      DIR      1   3-FEB-89
    =HELP             DIR      1   3-FEB-89
      -SETINFO        TXT      5   1-JAN-88
      =UNACE          TXT      7   1-JAN-88
      =ACE            TXT      7   1-JAN-88
      -SOURCER        TXT      4   1-JAN-88
      =PACK           TXT      4   1-JAN-88
      -UNPACK         TXT      4   1-JAN-88
    =ACE              $B5      9   1-JAN-88
    =UNACE            $B5      9   1-JAN-88
    =PACK             $B5      9   1-JAN-88
    =UNPACK           $B5      9   1-JAN-88
    =SETINFO          $B5     17   1-JAN-88
    =SOURCER          $B5      7   1-JAN-88
    =ACE.UNACE.DOCS   TXT     24   1-JAN-88
    =PACK.UN.DOCS     TXT     25   1-JAN-88
    =SETINFO.DOCS     TXT     16   1-JAN-88
    =SOURCER.DOCS     TXT     12   1-JAN-88
  -UEMACS.EDITOR      DIR      1   3-FEB-89
    =UEMACS.TN        TXT      3  29-DEC-88
    =EMACS.DOC        TXT     24   8-SEP-88
    =EMACS            $B3    275   3-OCT-88
    =EMACS.HLP        TXT     18  10-SEP-88
    =EMACS.RC         TXT      1  21-NOV-88
    -UEMACS.MANUAL    DIR      2   3-FEB-89
      =INTRO          $B0      8  23-JUN-88
      -TOC            $B0     11  23-JUN-88
      =C1             $B0     24  23-JUN-88
      =C2             $B0     17  23-JUN-88
      =C3             $B0     14  23-JUN-88
      =C4             $B0     17  23-JUN-88
      =C5             $B0     20  23-JUN-88
      =C6             $B0     10  23-JUN-88
      =C7             $B0     23  23-JUN-88
      =C8             $B0     12  23-JUN-88
      =C9             $B0     20  23-JUN-88
```

```
      =C10          $B0      7  23-JUN-88
      -C11          $B0     43  23-JUN-88
      -AA           $B0     25  23-JUN-88
      -AB           $B0     11  23-JUN-88
      -AC           $B0      5  23-JUN-88
      =AD           $B0     18  23-JUN-88
      -AE           $B0      4  23-JUN-88
      -INDEX        $B0      9  23-JUN-88
  =SOUND.PROGS      DIR      1   3-FEB-89
      =STARTFIX.TXT TXT      4  18-NOV-88
      =READ.ME      TXT      6  28-OCT-88
      =PRODOS.PATCH BAS      1  28-OCT-88
      =IRQ.ON       $B7      1  16-OCT-88
  =FONTDOCTOR       DIR      1   3-FEB-89
      =FONTDOCTOR.ICON $CA   3  22-JAN-89
      =FONTDOCTOR   $B3    107  22-JAN-89
      =FONTDOCTOR.DOC  TXT  15  22-JAN-89
```

TABBS Library Expansion

TABBS has recently expanded its storage capacity to 90 megabytes. The Macintosh file libraries have been greatly enlarged, and the Apple II libraries will also be enlarged very soon.

This has meant a re-organisation of the menus with all downloading centralised into one menu.

```
    >>>>> TABBS TOP MENU <<<<<

  <#>Endcall <.>Utilities <;>Time <G>oodbye

  <1> Apple ] [ conference
  <2> Apple IIGS conference
  <3> Macintosh conference
  <4> Apple2000 conference
  <5> Software Developers

  <M>ailbox
  <D>ownload Libraries
  <P>ublic conferences
  <N>ews and Newsbytes
  <W>hat's New
  <H>elp files for using TABBS
  <T>alk to sysop

  >> FILE LIBRARIES <<

  <=>Top menu <->Last menu <#>Endcall

  <A> Developers Files
  <B> Apple 2 DOS 3.3
  <C> Apple 2 ProDOS
  <D> Apple 2 Text files
  <E> IIgs Utilities
  <F> IIgs General files
  <G> IIgs Desk Accessories
  <H> IIgs Text files
  <I> Macintosh Utilities
  <J> Macintosh General
  <K> Macintosh Desk Accessories
  <L> Lisa - Mac XL files
  <M> Hypercard Files
  <N> IBM and Clone files
  <O> Apple II fonts
  <P> Macintosh Fonts
  <Q> Apple II Disk Packs
  <R> General Files
  <S> Apple2000 Magazine
  <T> Apple2000 Programs
  <U> Upload Files  <Z> Help

  Logged on at 11:40:31
  Logged off at 11:40:47

  I hope you enjoyed your call to TABBS
  Please hang up now ....
```

Members' Small Ads

FOR SALE

Apple IIGS System (will split - offers?):
    Apple IIGS CPU (Latest ROM)
    Apple 3.5 Drive
    Cirtech PlusRAM GS2 card (with 4x 256K chips)
    Monochrome Monitor...............................£800.00 ono

Multiscribe][e/c (128K) £30.00
Multiscribe GS v3.01 (LATEST)...................£50.00
AppleWriter][e DOS 3.3 with Product Training Pak £30.00
QuickFile][e with P.T.P. £20.00
FlashCalc][e/c (Unwanted Prize - New, Unopened) .£40.00
Beagle Graphics (Double Hi-res Utilities - 128K) £30.00
Microsoft Multiplan £50.00
Data Highway (Comms Software with Manual) £15.00

Shanghai][e/c £15.00
Microsoft Decathlon (req. Joystick or Paddles) £20.00
Don't Ask WordRace....................................£10.00
CTW Childrens Games (Spotlight/Instant Zoo/Mix and Match) £5.00
Labyrinth £10.00
Flight Simulator][....................................£20.00
Shanghai GS (512K) £25.00
Paperboy GS (256K & ROM 01) £25.00
Marble Madness GS (512K) £25.00
Beyond Zork GS £30.00
Destroyer GS £25.00

Apple Monitor Stand for][c £15.00
ALF 9-voice Stereo Music Card & Software
(will include second card the same but not working)£50.00
MDIdeas SuperSonic Stereo card for the IIGS £50.00
Apple Super Serial Card II & Cable To Imagewriter .£20.00
Apple 80 Column Text Card][e £15.00
Apple Disk Controller Card for 2 Disk][Drives £20.00
Apple][e Numeric Keypad £40.00
Apple][e PAL Colour Modulator £10.00

Apple][e Reference Manual £10.00
Apple][e Reference Manual £10.00
AppleSoft BASIC Programmers Reference Manuals .£10.00
The DOS Manual £5.00
DOS Programmers Manual...............................£10.00
ProDOS Users Kit (64K)................................£20.00
BASIC Programming with ProDOS & disk (64K) £15.00

'Phone Philip Dixon .... ▓▓▓▓ ▓▓▓▓▓▓ evenings

FOR SALE

The following items suitable for Apple IIe/IIc range, all in excellent condition:-
Sider 10 mb hard disk, partitioned for CP/M, DOS, ProDOS, Pascal. Perfect & complete £250
Z80 card £20
Versawriter graphics tablet, plus expansion pac1/2 software £50
Bitstick graphics controller and software...................£65

'Phone R J Cannon .... ▓▓▓▓ ▓▓▓▓▓, ▓▓▓ ▓▓▓▓▓▓▓▓▓

FOR SALE

Suit Collector
Pristine Working Apple /// with manual and built in drive.

Offers or swop for driveless //e (Revision B) or clone

Wanted
The Stereo Generator software by R-Alpha Software
Instructions for Beagle Graphics

'Phone Peter Mayer ....▓▓ ▓▓▓ ▓▓▓▓

FOR SALE

Apple IIe
Monitor II
Duodisk drive + controller
Disk II drive + controller
Discache 20 Mbyte intelligent Winchester:
....256k cache memory
.................................controller for Apple II/IIe
....controller for IBM PC
....controller for Olivetti M24
...............................complete set spare circuit boards and cables
Digitek Z80 card
CCS 7710 serial interface card
Parallel interface card
80-column card
U-micro CCT clock calendar card
MC computers 2 channel D/A converter card (12 bits)
Interactive structures16 chan. A/D converter card (8 bits)

DOS 3.3
ProDOS 1.1.1
CPM
Apple Pascal

Dakin 5 programming aids
Apple Writer II + [W]ord [P]rocessing [L]anguage
ProDOS Exerciser
ProDOS assembler tools including Bugbyter debugger

All hardware, operating systems and software are accompanied by their original manuals and, in addition, there are:
Beneath Apple DOS
Programming the 6502 - Zaks/Sybex
Microprocessor Interfacing Techniques - Zaks/Sybex
Advanced 6502 Interfacing - Holland

The purchaser of the complete package will receive not less than 70 used, high quality disks: i.e. Dyson, Inmac, 3M, etc.

Cost, when new, about £3000. Now about 3 years old. Offers over £750 for the package.

'Phone G D Shaw ....▓▓▓▓ ▓▓▓▓▓▓

FOR SALE

2 Apple II+
2 amber monitors (incl. 2 Cumana)
4 disk drives
1 joystick
1 Robo graphics CAD package
2 modems (incl. 1 Miracle Technologies 2000 autodial/autoanswer)
Loads of software and manuals
2 serial cards
2 parallel cards
1 80-column card

Plus more. The whole package is offered for £500, as a quick sale is needed.

'Phone Kevin Slater...............................▓▓ ▓▓▓ ▓▓▓▓

FOR SALE

64K Apple II Europlus with Monitor, twin disk drives and controller card, 80 column card, Joystick
Dos 3.3 disk and manual, Visicalc, Format 80(E), Wordstar, some games, manuals and Magazines

Offers to Rosemary Brooks ......▓▓▓▓ ▓▓▓▓▓▓ after 6pm

Recent Press Releases

Aldus UK announces Freehand 2.0 is shipping

Aldus FreeHand 2.0 is now shipping in the UK, according to a press release from Aldus UK Ltd.

Aldus FreeHand's new features include an automatic tracing tool, which turns imported images and illustrations into instant line drawings. For tracing and/or editing, users can import graphics in the PICT, MacDraw, and Encapsulated PostScript (EPS) formats, and scanned images in the tag image file format (TIFF). As before, they can also use the freehand tool for quick, fluid sketches, or any one of the other PostScript-language drawing tools for precision rendering.

For special effects, Aldus FreeHand now offers a blending feature, giving users the means to create sophisticated visuals out of simple objects by incrementally blending one graphic (or colour) into another. Other special effects include new patterned and custom fills for both text and graphics, along with the popular skewing, scaling, rotating, reflecting and cloning features of the original version.

For text-handling, Aldus FreeHand 2.0 adds text stroking and filling, along with other text effects, to the options available in the first version. With text stroking, users can now create outline letters with custom fills and colours. As before, they can bend text along a path and around a shape to visually integrate text and objects within a drawing. They can also choose from an infinite variety of type fonts, styles, sizes and alignments; mix type choices (including colour) within a single text block; format multiple text blocks simultaneously; and kern text automatically.

There are now Undo and Redo options for up to 100 actions - and with 200 independent design layers, users can experiment in one area without disturbing another. Other facilities include on-screen information bar, ruler guides, adjustable grids, editing in the Preview mode, and a built-in colour separator to produce full process colour separations on PostScript-language imagesetters.

System Configuration

The recommended system configuration for Aldus FreeHand is a Macintosh Plus, SE, or II, plus two 800K disk drives or a hard disk, and any PostScript-language compatible output device.

Aldus FreeHand is packaged with a user manual, an interactive introductory disk, a step-by-step tutorial, and a quick reference card, all of which allow new users to learn the program at their own pace and with full resources at hand. For those who are interested in learning more about working with colour or who want special design assistance, the package includes advanced technique cards, a library of premixed colours and basic shapes on disk, a colour chart for comparing screen display with printed colours, a portfolio of printed samples, and a library of clip art.

Aldus offers technical support for individual and corporate Free- Hand users, and all registered users of Aldus FreeHand can access free telephone technical support from the Customer Services Department at Palmerston Place, Edinburgh.

Upgrade Policy

Aldus' upgrade policy enables existing users of FreeHand 1 0 to upgrade at a cost of £45.00.

The above information was extracted from a press release issued by Aldus UK Ltd.

Adobe introduce IBM's new PostScript Printer

IBM® announces a new PostScript® laser printer. The Personal Page Printer II Supports Multiple Computer Environment

Adobe Systems Incorporated and International Business Machines have announced a new multipurpose PostScript printer capable of connecting to IBm PCs, PS/2s, RT systems and other computer systems including Macintosh® computers.

The IBM Personal Page Printer II is a desktop laser printer with speeds of up to six pages per minute and a printing resolution of 300 dots per inch. This new printer supports parallel communications required for efficient printing on IBM personal computers or compatibles. Apple's LocalTalk and Serial RS232 communications are also supported. In addition to its PostScript printing capabilities, the IBM Personal Page Printer II provides IBM Proprinter™ XL and Hewlett-Packard LaserJet® Plus emulators making it a true multi purpose printer. This means all PostScript

font scaling technologies can also be used with the Hewlett-Packard Emulator, giving potentially large savings in font costs.

The IBM Personal Page Printer II is shipped with 43 high quality PostScript typestyles, more than any other desktop printer on the market. Characters can be scaled larger or smaller and rotated, giving the printer capabilities to satisfy even the most demanding users. Over 300 typefaces are also available from Adobe for use with the IBM PostScript printer.

The new IBM Personal Page Printer II is intended for a wider range of workstation environments and software applications such as page layout programs, spreadsheet generation, word processing and graphic design.

The above information has been extracted from a press release issued by Adobe Systems Incorporated.

A.G.M.

Battle of the Apples Heats Up

As if the battle between Computer companies is not enough, Apple can't leave the music industry alone either!

The BEATLES, in their Yellow Submarine, have got Apple on the run (or is it Band on the ®un by Paul Mc Cartney?).

As you must know, The Beatles come from Diddy-land - otherwise known as Liverpool - (that's about 200 miles North of the M25). They have got Apple Computer (UK) restricted to using ™ alongside their Apple, although the computer company is keen to change to ®. So far, it hasn't been a problem - the Beatles' Apple has a hole in it for the record player, and Apple's Apple is coloured green ,yellow, orange, red, purple, blue.

Apple Computer (UK) want that vital ® alongside their coloured Apple, and the battle is heating up. Whilst Apple Computers restricted their line of products to computers, and steered clear of all music-related products, things were fairly amicable - but with the advent of the MIDI interface and the music capabilities of the latest machines, there could be trouble ahhead. Apple (UK) can't come up with that Ticket to ®ide at the moment, so maybe it's best to send them on a Magical Mistery tour, so they can come up with a different (fruity) name - after all, the Beatles thought of it first.

I wonder what all the legal costs will add up to - after all, it all adds to the prices we have to pay when we buy the beasts. People can more easily afford a Beatles' Apple. So, Apple seem to be wondering what the NeXT step is!

But then, they do say "don't put all your Apples in on basket" (or something like that?). Ah well, All Things Must Pass, so perhaps the prices will eventually come down? In the meantime, look after the Apple of your eye - whichever variety you may have chosen for your own use.
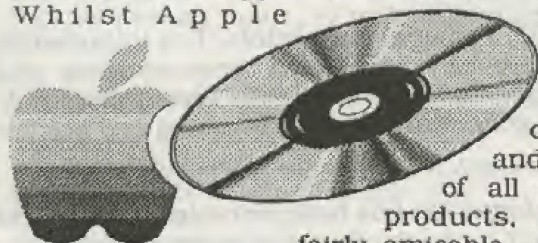
Apple Slices

Annual General Meeting

This year we held our Annual General Meeting at the Ferrars School in Luton. The choice of a school was an excellent one, with ample parking, a large hall and easy access from the M1 both from the North and London. It made an ideal venue to attract the greatest number of our members.

More than usual attended the AGM this year, though we would like to see even more take part in the event next year.

The day itself was split into two parts, with the formal business meeting in the morning and a general workshop in the afternoon.

A full description of the actual AGM itself will be given in the June issue of Apple2000 when the AGM minutes will be published.

The main purpose of the meeting is to report on the previous years business. Each of the previous committee that were present gave a report on their activities over the year. The old committee then stood down and elections for the new committee were held. Ewen Wannop was elected as Chairman, Norah Arnold as Secretary, Irene Flaxman as Treasurer and John Lee, Keith Rookledge and Roy Wainwright were elected as ordinary committee members.

In the afternoon a wide variety of Apple computers ranging from a II+ to a IIcx were put through their paces. At times it was difficult to hear yourself speak over the din from Zany Golf battling with Norah's CD Rom as you strained to listen to the new AudioFinder on the Macintosh.

Chairman's Report

We start the new year and the new committee with a common task.

As most of you will remember, the past year was devoted to improving the service that the Apple II members were receiving. Although this task is not yet completed, we have come along way in the last twelve months. If we are not careful we may soon find that the Macintosh side of the magazine needs the same treatment. It seems that magazines sprout up every minute for the Mac these days taking away our potential members and advertisers.

We must expand on our unique position as an independent user group and fill the gaps of knowledge that these magazines cannot address.

We have a great deal of expertise installed in the heads of our members. It is up to us to spread that knowledge by means of the magazine, by means of articles that help us get more from the programs and the computers and by means of articles that describe our experiences with specific software and hardware. We also need good honest reviews.

Come on all of you, get your fingers typing and send us the articles we need. Apple2000 is unique, we wish to keep it that way.   **Ewen Wannop**

Apple UK move premises

Apple UK, who we always think of as being at Hemel Hempstead, have moved to a purpose built site at Stockley Park near Heathrow airport. The move was made at the end of March.

Whether this signifies any further changes in Apple's attitude we do not know. Apple's customer relations survive apparently because of the quality if its hardware, not because of its concern for their customers.

> Apple U.K. Limited
> 6 Roundwood Avenue
> Stockley Park
> Uxbridge
> Middlesex
> UB11 1BB
> ☎ 01 569 1199

Prestel price hike

Dialcom annouce that as of the 1st April 1989, VAT will be added to all its Prestel services.

It seems that not a month goes by without a price increase in telecommunications somewhere. We now must have the most expensive data networks in the world.

All would be well if we had services to match. However as those of you who access systems outside the UK will know, our online databases and services bear no comparison to the extensive services offered elsewhere around the world.

Some years ago it was announced that the access ports for both Prestel and PSS would be uprated to cope with the multi speeds now common in communications. Here in 1989 we only now have some parts of the country able to access Prestel at 2400 baud (V22bis). It is still impossible to access PSS at anything faster than 1200 baud (V22).

We watch this space with interest ....

Panel of Experts

The recent request for names to add to our panel of problem solving experts has raised only two names.

We will expand this list as we receive further details from you. In the meantime we offer you the following:

Legal users of Macintoshes contact:
N H McFarlane-Watts
Barks, Barks and Oxfordshire Incorporated Law Society
☎ 0367 30 7 000

Macintosh Excel users should contact:
Mark Rhodes
☎ 0235 306305

Letter Box

Berks

Dear Editor,

Regarding the letter from B McHugh in the February issue of the magazine. LPA do (did?) a CP/M version of Prolog for the Apple. Their address is :

Logic Programming Associates Limited
Studio 4
The Royal Victoria Patriotic Building
Trinity Road
London SW18 3SX
Tel: 01 871 2016

Bill Hill

Mablethorpe
Lincs

Dear Sirs,

Thank you for you recent letter concerning the printer problem which I have with the Apple II Europlus & Brother HR5 printer.

I have in fact tried out all the combinations of dip switches settings on the Grappler and checked continuity of the printer lead wires, so it would seem that either there is a compatibility problem or the Grappler unit is defective.

As my next enquiry! I wonder if you can advise as to whether there is a firm in this country who I could contact to get the Grappler checked or replaced.

M E Tomlin

❑ I do not know of any firm who could do this. Perhaps one of our members could help with an address, or even check this card for Mr Tomlin?

West Sussex

Dear Editor,

Can you tell me, please, where I can get information on:

1) 'The Parallel Printer Card' which does not operate with my printer (it recognises select or de-select only!)

2) What the yellow pair and red pair leads are for on the CP/M Gold card are for (Digital Research are unable to!)

Alan Lord

❑ Here again I am stumped. Has anyone got these details that we can pass on to Alan.

Newton Abbot

Dear Editor,

I am trying to get a BASIC compiler for my Apple IIe.

Have you got a price list of what is available?

Derek Oldbury

❑ Although we have managed to compile a list of software for the IIgs, the //e is quite a different matter, there are just too many programs!

There have been many compilers, TASC was one of the better known in the old days, and of course there were extended Basics that had their own compilers. However, I would suggest the Beagle Basic compiler as being the best of the bunch designed to work with Appleoft. It is still available from places like MGA in Kent.

Turkey

Dear Boffin,

1) I want to write a translator for HyperCard. I've done the resource WRTN ready, but don't know what to put in.

2) How can I use and ordinary CODE resource as an XCMD? Can you please answer these?

Thanks for your help.

Engin Cilasun

❑ XCMD's work through a special GLUE routine when working with HyperCard. You cannot just use any code resource for XCMD, you must use the GLUE routine. I suggest you get hold of 'XCMD's for Hypercard' by Gary Bond. This is published by MIS Press. ISBN 0-943518-85-7 at $25.

London

Dear Apple2000,

Many thanks for AppleSlices, received today and much appreciated. Your belief that Macintosh people cannot write, or do not have anything to say, or are too far in the sky to believe in other people and other systems is absolutely and perfectly incorrect. We do care but we I have so little to complain of with my MacPlus that I am usually quite aristocratically quiet. That is I am frightened to open my wordprocessor in case I expose my utter ignorance of my Apple. I think I must be an equipment freak because I never actually ever do anything useful with my Mac (except write letters) and I suppose I consider it my grown up toy. I have tried Atari, BBC, Amstrad and Archimedes and have not done anything useful with any of them. Spent oodles of money but never regretted spending it. The Apple Mac is proving the most lasting and intriguing. I intend to finish up with the latest one when I retire in 2 years time. Do you think I should be put in an old persons home for being so silly about a computer as fascinating as the Mac?

Philip Hirons

❑ The concept of an old peoples home with all and sundry tapping away at keyboards is a delightful one. I think that we all must use a Mac for very different reasons indeed. The fact that you get so much joy from it means the money was very well spent indeed.

My original provocation was to see if I would get any response at all. It may well be that Mac owners do not have problems. But it was nice to hear from you that in your case this was true.

You could do no worse when you retire than to get a modem, Red Ryder from our library, and connect into TABBS. You would then keep in touch with hundreds of other Macintosh and Apple freaks!

Special Release Software

❑ Their has been a recent addition to the Apple II Special Release Software library. The new disc, The Antelope, is a general purpose communications program for the Apple II, //c and //e.

The Antelope features a 40/80 column terminal program and a Viewdata/Prestel emulator. The Antelope has Xmodem downloading, a full and extensive macro facility, and many other features.

The Apple II library Catalog has been typeset and is in the process of being printed. All Apple II registered members will receive a copy in due course.

SR1 - APPLESOFT SCREEN EDITOR
On screen editor for Applesoft. Allowing fuller editing than is normally available. Global find and replace, renumbering of individual lines, insertion and deletion of lines and lower case input.

SR2 - CLUBKEEPER
A suite of programs to allow the keeping of a club or society database. Requires a Z80 softcard. There are five main areas to the program, accounts, membership, stock, diary and staffing.

SR3 - GRAPHIC PAD
Allows you to produce Hi-Res graphic pages, pictures and text, quickly and easily. Requires at least a pair of paddles, but preferably a joystick should be connected.

SR4 - HELICOPTER RESCUE
Simulation game. Requires paddles or joystick. Rescue as many people as you can, while avoiding the seagulls.

SR5 - PRESTEL DRIVER
Access Prestel and Micronet with your Apple. You will need to have either an Apple Super Serial Card or a SERCOM II Serial card, and a modem capable of 1200/75.

SR6 - SUPER TRACE
High speed de-bugging of Applesoft programs. Allows screen display of program lines and the values of variables, while the program is running.

SR7 - SUPER EDITOR
List and change occurrences of commands, variables, functions or strings in Applesoft programs. Cleans up programs and finds elusive variables.

SR8 - SYMDIS
A symbolic dissassembler for 6502 machine code. This will create a standard text file from any machine code program or defined area of memory. The resultant file can be then altered and reassembled with your own standard 6502 assembler. Assembler not included.

SR9 - SPEEDLOADER
From Cornelius Bongers and Wilhelm Schouten. Allows the loading of any program, memory dump or DOS, at up to 10 times the normal speed.
You prepare a working disc from this master program. The drive often takes longer to zero the head than it takes to load DOS and run the program. A manual file is contained on the back of the disc. This may be viewed or printed using the reader program provided.

SR10 - CHAMELEON
The Chameleon is an extremely powerful file conversion program. It allows the free transfer of all filetypes between various system discs. The program is designed to be very user friendly and only needs a few keystrokes to operate.
The option is given to change the filename if required. A special options facility allows the forcing of destination file types, this allows the making of Binary from Text files etc. Handles PRODOS, DOS3.3, PASCAL, CPM and SOS discs.

SR11 - THE EXAMINER
Trace and single step through 6502 machine code DOS 3.3 programs. Allows the quick discovery and cleaning up of coding problems. Will display on 40 or 80 columns

SR12 - PACKING SUITE
Unpack Applesoft lines
having more than one statement to make editing easier. Then pack them back again for faster working and less memory overheads. Strip REM's to shorten the program.

SR13 - BUSINESS BASIC
A 40 column orientated extension of Applesoft. It requires a 64K machine, or a 16K language card. Allows the formatting of numbers, custom tab fields, bi-directional scrolling, fast handling of arrays to and from disc etc.

SR14 - D.A.M.P.
Set up your own personalised data-base, and print the results as needed. Records are screen orientated, and may be set up to your own requirements. A full set of utilities are included for general housekeeping etc.

SR15 - CLASS MARKS
Comprehensive program to prepare and print lists of marks. Sorting to different fields or alphabetically. Full updating and editing facilities included. Standardise routines built in.

SR16 - The ANTELOPE
The Antelope is a full featured communication program running under DOS 3.3. It has been written by Ewen Wannop, the author of Data Highway. Like Data Highway, The Antelope consists of two main programs and several utilities, all with a host of features. The Antelope will work with the Super Serial Card, the Mastercard, the CCS7710 card or the //c serial port.
The two main programs allow access to both text based and Viewdata systems. Both programs incorporate a comprehensive macro system and have appropriate downloading facilities. Both text and Xmodem downloading are available on the terminal program.
Viewdata may be viewed in double HiRes colour on a //e or //c. The terminal program will display on either the 40 or 80 column screen.
A comprehensive manual on the reverse of the disk may be viewed or printed by means of the supplied reader program.

IIgs Software Selector

❑ Some few weeks ago John Kishimoto asked Apple2000 if we had a list of software that was specific to the IIgs. In replying to him that in fact we did not. I suggested that he might like to compile such a list himself. Within a couple of weeks he sent me the following list. Thank you John, this is just the kind of input members can give. Now I suppose we need to give them all a star rating!

We do not expect this list to be exhaustive, and we cannot expect it to be accurate in every detail, but as far as we know the entries are correct.

A conclusion to be drawn from the list is that you need at least 512k in a IIgs to run currently available software. If you have not expanded to 1mb on the memory card we would urge you to shop around for the memory chips and upgrade as soon as possible. Currently 256k should cost around £25

APPLE IIGS specific software

Title	Publisher	Memory Reqd
BUSINESS		
List Plus	Activision	768K
Appleworks GS	Claris	1.25Mb
Multiscribe IIGS	Claris	768K
Notes 'N Files	Datapak	
DeluxeWrite	Electronic Arts	768K
DeluxeWrite/DeluxePaint II	Electronic Arts	768K
VIP Professional	VIP	512K
Calendar Crafter School	Mecc	768K
Medley	Milliken	1.25Mb
Visualizer	PBI Software	512K
GraphicWriter 3.0	Seven Hills Software	512K
TaxView Planner	Softview	
TaxView Federal	Softview	1.25Mb
California Supplement	Softview	1.25Mb
N.Y. Supplement	Softview	1.25Mb
Softwood GS File	Softwood	768K
Deskworks	Styleware	512K
Font Library	Styleware	Library
WordPerfect	Word Perfect Corp.	512K
COMMUNICATIONS		
Teleworks Plus	Activision	
Gazelle	Ewen Wannop	256K
EDUCATIONAL		
Designasaurus	Britannica Software	1.25Mb
Jigsaw	Britannica Software	1.25Mb
Geometry	Broderbund	
Where in the World is Carmen Sandiego?	Broderbund	
Math Blaster Plus	Davidson & Assoc.	
Math & Me	Davidson & Assoc.	512K
Reading & Me	Davidson & Assoc.	
Word Attack Plus	Davidson & Assoc.	
Mavis Beacon Typing	Electronic Arts	512K
First Letters & Words	First Byte	768K
First Shapes	First Byte	768K
Kidtalk	First Byte	768K
Mathtalk	First Byte	768K
Mathtalk Fractions	First Byte	768K
Smoothtalker	First Byte	768K
Speller Bee	First Byte	768K
Kidstime II	Great Wave	512K
Gertrudes Secrets	Learning Company	256K
Magic Spells	Learning Company	256K
Math Rabbit	Learning Company	256K
Reader Rabbit	Learning Company	256K
Rockys Boots	Learning Company	256K
Think Quick	Learning Company	256K
Writer Rabbit	Learning Company	256K
Speed Reader Tutor IV	Simon & Shuster	
Typing Tutor IV	Simon & Shuster	512K
Kidwriter Gold	Spinnaker	
Aesop's Fables	Unicorn	768K
All About America	Unicorn	
Animal Kingdom	Unicorn	
Ghastly Grammer	Unicorn	
Kiderama	Unicorn	
Land of the Unicron	Unicorn	
Magical Myths	Unicorn	768K
Math Wizard	Unicorn	
Read & Rhyme	Unicorn	768K
Tales of Arabian Nights	Unicorn	
Talking Alphabet	Weekly Reader	
ENTERTAINMENT		
Bubble Ghost	Accolade	256K
Hardball!	Accolade	512K
Mean 18	Accolade	512K
Mean 18 Famous Courses Vol.II	Accolade	512K
Mean 18 Famous Courses Vol.III	Accolade	512K
Mean 18 Famous Courses Vol.IV	Accolade	512K
Mini-Putt	Accolade	512K
Pinball Wizard	Accolade	256K
Serve and Volley	Accolade	512K
4th + Inches	Accolade	512K
Blackjack Academy	Activision	512K
GBA Champ. Basketball	Activision	512K
Hacker II	Activision	512K
The Last Ninja	Activision	512K
Shanghai	Activision	512K
Tass Times in Tonetown	Activision	512K
AAARGH	Arcadia	
Bridge 5.0	Artworx Software Co.	512K
Strip Poker	Artworx Software Co.	512K
Dream Zone	Baudville	512K
Defender of the Crown	Cinemaware	768K
King of Chicago	Cinemaware	768K
Lords of the Rising Sun	Cinemaware	
Rocket Ranger	Cinemaware	
S.D.I.	Cinemaware	1Mb
Sindbad and the Throne of the Falcon	Cinemaware	1Mb
The Three Stooges	Cinemaware	
TV Sports: Football	Cinemaware	
Hunt for Red October	Datasoft	
Tomahawk	Datasoft	512K
Bards Tale I,II	Electronic Arts	512K
Cartooners	Electronic Arts	
Chessmaster 2100	Electronic Arts	512K
Marble Madness	Electronic Arts	512K
Puppeteers	Electronic Arts	
Reach for the Stars	Electronic Arts	
Skate or Die	Electronic Arts	768K
World Tour Golf	Electronic Arts	512K
Zany Golf	Electronic Arts	512K
California Games	Epyx	512K
Destroyer	Epyx	512K
Final Assault	Epyx	512K
Impossible Mission II	Epyx	
L.A.Crackdown	Epyx	
Street Sports:Soccer	Epyx	512K
Sub Battle Simulator	Epyx	512K
Winter Games	Epyx	512K
World Games	Epyx	512K
Dungeon Master	FTL	
Beyond Zork	Infocom	512K
Journey	Infocom	
Shogun	Infocom	
Zork Zero	Infocom	
Club Backgammon	California Dreams	512K
Mancala	California Dreams	512K
Triango	California Dreams	
Vegas Craps	California Dreams	
Vegas Gambler	California Dreams	512K
Star Saga: One	Masterplay	512K
Barbarian	Melbourne House	
Quarterback	Melbourne House	
War in Middle Earth	Melbourne House	
Faery Tale Adventure	Microillusions	512K
Fire Power	Microillusions	512K
Pirates	Microprose	256K
Silent Service	Microprose	256K

Bad Street Brawler	Mindscape	
Balance of Power	Mindscape	
Deja Vu	Mindscape	768K
Deja Vu II:Lost in Las Vegas	Mindscape	
Gauntlet	Mindscape	256K
Paper Boy	Mindscape	256K
Shadow Gate	Mindscape	768K
Super Star Ice Hockey	Mindscape	
Uninvited	Mindscape	
Alien Mind	PBI Software	512K
Cavern Cobra	PBI Software	768K
Monte Carlo	PBI Software	512K
Sea Strike	PBI Software	512K
Strategic Conquest	PBI Software	
The Tower of Myraglen	PBI Software	512K
Kings Quest I,II,III,IV	Sierra On-line	512K
Leisure Suit Larry	Sierra On-line	512K
Manhunter: New York	Sierra On-line	512K
Mixed-Up Mother Goose	Sierra On-line	512K
Police Quest	Sierra On-line	512K
Space Quest I,II	Sierra On-line	512K
Thexder	Sierra On-line	512K
3-D Helicopter Simulator	Sierra On-line	512K
Soko-Ban	Spectrum Holobyte	
Tetris	Spectrum Holobyte	512K
Questron II	Strategic Simulations	512K
Roadwar 2000	Strategic Simulations	
Arkanoid	Taito	
Bubble Bobble	Taito	
Renegade	Taito	
Warlock	Three Sixty	512K

GRAPHICS

Design Your Own Home:		
Architecture	Abracadata	
Interiors	Abracadata	
Landscape	Abracadata	
Architecture Libraries	Abracadata	Library
The Graphics Studio	Accolade	768K
Clip Art Gallery	Activision	Library
Draw Plus	Activision	512K
Paintworks Gold	Activision	1.25Mb
Paintworks Plus	Activision	512K
Paint Write Draw	Activision	512K
Postcards	Activision	512K
816/Paint	Baudville	512K
Fantavision	Broderbund	256K
The Print Shop	Broderbund	512K
The Print Shop Graphics		
Library Party Edition	Broderbund	Library
The Print Shop Graphics		
Library Sampler Edition	Broderbund	Library
ShowOff	Broderbund	512K
ShowOff Graphics Collection:		
World Events	Broderbund	Library
ComputerEyes V2.2	Digital Vision	512K
Deluxe Paint II	Electronic Arts	768K
Art Parts: Vol.1	Electronic Arts	Library
Art Parts: Vol.2	Electronic Arts	Library
Seasons & Holidays	Electronic Arts	Library
Art & Film Director	Epyx	768K
Graphic Exchange	Roger Wagner	
SuperPrint	Scholastic	256K
ICONIX	So What Software	512K
TopDraw	Styleware	512K
Image Master:Basic Paint	JADA Graphics	512K

LANGUAGES & UTILITIES

Graphics Supermarket	Abracadata	512K
ditto (with source code)	Abracadata	512K
AC/BASIC	Absoft	512K
GS/OS	Apple	512K
ORCA/Desktop (The) Byte Works		Reqs. APW/ORCA
ORCA/M 1.1	(The) Byte Works	512K
ORCA/Pascal Desktop	(The) Byte Works	512K
Utility Package #1	(The) Byte Works	
Disk Util II	FWB Software	
GSFORTH	GSF	
LifeGuard	Harbor Software	
ISYS FORTH	Illyes Systems	256K
Advanced Basic	Micol Systems	

HyperStudio	Roger Wagner Publ.	768K
SoftSwitch	Roger Wagner Publ.	768K
Deskpak	Simple Software Systems	768K
Disc Commander	So What Software	512K
TML Basic	TML Systems	512K
TML Pascal (APW Version)	TML Systems	1Mb
TML Pascal (Stand Alone)	TML Systems	768K
TML Source Code Library	TML Systems	Library
TML Speech Toolkit	TML Systems	Library

SOUND

The Music Studio 2.0	Activision	512K
Jam Session	Broderbund	512K
Diversi-Tune	Diversified Software Research Inc.	512K
Hot & Cool Jazz	Electronic Arts	Library
It's Only Rock 'N Roll	Electronic Arts	Library
Instant Music	Electronic Arts	512K
Instant Synthesizer	Electronic Arts	768K
Music Construction Set	Electronic Arts	256K
Musicshapes	Music Systems for Learning Inc.	512K
Master Tracks Jr.	Passport Designs Inc.	768K
Master Tracks Pro.(1989)	Passport Designs Inc.	-
Pyware Instrument Designer	Pygraphics	512K
Pyware MIDI Translator	Pygraphics	512K
Pyware Music Writer V1.3:		
(Limited Edition)	Pygraphics	768K
(Special Edition)	Pygraphics	-
(Pro. Edition)	Pygraphics	-
SONIX	So What Software	1Mb

John Kishimoto - April 3 1989

❑ Although much of this software is not available directly from dealers in this country, you will find that many of them will get it for you if asked. We suggest that you try the following companies if you have difficulty locating what you want. We also suggest that it would be wise to buy from dealers in this country rather than by mail order from the States. It will be easier to get updates as and when these are released. MGA in Kent for instance is now a 'Beagle Buddy'. Registered owners of Timeout and other Beagle products should contact them regarding upgrades.

MGA SoftCat
Pear Tree
Appledore
Kent TN26 2AR
(0233) 83571

Bidmuthin Technologies Ltd.
Brent House
214 Kenton Road
Harrow
Middlesex HA3 8BT
(01) 907 8516

Holdens Computer Services
Tha Mansions
Chapel Lane
Longton
Preston PR4 5EB
(0772) 615512

Strategic Plus Software
PO Box 8
Hampton
Middlesex TW12 3XA
(01) 979 2987

And other dealers (see Apple2000 magazine)

Members' Small Ads

**WARNING: The sale of copied or pirated software is illegal.
Please ensure that items offered for sale are new or re-registered.**

FOR SALE

Apple Europlus II serviced by Comtec with new keyboard..£80
4 disc drives with cards - all working £25e.......£100
BMC vdu green £30
2 language cards with 16k (for 64k use) £20e £40
1 CP/M card £20
1 80 column card...£20
1 Centronics 737 9 dot printer, plus card, ribbons + paper £50
1 Epson printer card only £20
Joysticks, software inc Visicalc, ProDOS, Pascal and plenty of instruction books £20
The lot for .... £280 (buyer collects)
'Phone Bob Docker 01 359 0171
.................................or 01 607 3273 (messages)

FOR SALE

Macintosh SE, 1M RAM, 40M Miniscribe Hard Disk, keyboard, mouse. Mac is 9 months old, hard disk 5 months old, both in excellent condition.
Will throw in two free issues of MacWorld magazine.
Offers around £2000 please.

C T Khin, Queens' College, Cambridge CB3 9ET
Or leave your name and 'phone number
....0223 335511

FOR SALE

Cards for Apple II's:
16k RAM card for II+ £20
80 column card for II+, with keyboard adaptor...£30
Apple PAL colour card for II+.............................£25
Labgear PAL colour card for IIe £30
Snapshot card with Shuttle software for IIe........£45
TV modulator b/w for II+ or IIe (2) ....each£5
Also non-working Apple II+ (main board fault)....£25

Phone Paul Gladwell 0905 853870

FOR SALE

Apple IIGS - PC compatable colour system:
Apple IIGS, 1 Mbyte Apple expansion board, 3.5" drive, 5.25" drive, Apple colour monitor. Fitted with 640K (768K) PC Transporter card, additional 3.5" Apple drive and 5.25" Transdrive PLUS 45 Mbyte Miniqisk hard drive. Some software included.
Total package price ....£1775 O.N.O.

Apple 15" carriage ImageWriter Printer also available if required.

Phone Norman Manches (evenings) 0977 33088

FOR SALE

Apple II+ (in ITT2020 silver-coloured casing), language card & lowercase switch, working, no drive £55

Apple Europlus II, language card, working, no drive
....£60

Apple Europlus II, working, no drive £50

Korites Graphic Software for Microcomputers (book specifically for Apple II) Kern, 1981 ...£7.50 post free

The Blue Book for the Apple Computer, the complete where-to-find-it book of software, hardware and accesories for the Apple II, WIDL Video, Chicago, 1981
....£4 post free

The AppleSoft Tutorial, Apple............£3.50 post free

Apple III outfit, built-in drive, 128K, Universal parallel card, Owner's Guide, Standard Drivers Manual, SOS Manual, Pascal Utility Manual, Script III, Access, Business Basic, joystick...........£150 (buyer collects)

Pascal for Apple II, software, both manuals and textbook..£25

Phone Peter Mayer 01 461 6565

FOR SALE

Apple IIGS Computer, 512K RAM, colour monitor, 5.25" and 3.5" disk drives. As new, hardly used.
Price sought £800 O.N.O.
Also available is an ICE MicroCube 10Mb hard disk.
Price invited.

Phone Lyn Austen (office hours) 02814 0693

FOR SALE

Macintosh SE, 1mb of RAM, 20mb internal Hard Drive, internal 800k Floppy Drive, Mouse (lived on a mat all its life) and Keyboard. Complete with Manual and a selection of Software. Just over a year old, lovingly looked after and not a mark on it. Must go to kind owner ....£1800. O.N.O.

'Phone Mike Davies 0722 45445
.................................(evenings best time)

FOR SALE

(condition-unused, as new)
Super Speed RS232-C/Current Loop Interface Board for use with OKIDATA 82A, 83A, 84 printers
User's manual
Allows reception of data at speeds up to 19,200 BAUD
Adaptable to virtually every computer.

Phone Ray Greaves (serious offers) ...0781-75406

New Numbering System for Mac Fonts

Adobe Systems Incorporated has announced support for Apple Computer's new font identification numbering system which uses a font resource called NFNT (New Font). The system allows a larger range of font identification numbers to be assigned to typefaces.

The new method reduces the potential for incorrectly accessing fonts that share the same identification numbers, a problem that has plagued service bureaux and Macintosh customers who use large numbers of typefaces.

"We have worked closely with Apple to implement this enhancement," stated Kathy Englar, Font Production Manager at Adobe's headquarters in Mountain View, USA. "This is in direct response to font numbering conflicts our Macintosh customers were experiencing."

Since Apple developed the original Macintosh operating system, there has been a proliferation of fonts available to desktop publishers. The number of fonts available has grown so dramatically that they exceeded the number of identification numbers originally allowed. Therefore, the font numbers system (NFNT) developed by Apple is designed to help solve the current confusion of conflicting font identification numbers. Under the new system, Apple controls the release of NFNT numbers to font developers.

"Service bureaux are especially appreciative of Adobe's solution to the font numbering conflict. Using NFNT numbers will save them time and money," commented Aert Korteweg, Product Marketing Manager of Adobe Systems Europe.

From May 1989, all new font packages will be shipped with new NFNT numbers. All registered Macintosh customers will be contacted by Adobe for screen font upgrades.

Adobe is the leading supplier of downloadable typefaces. The Adobe Type Library now totals over 400 typefaces and is available for both Macintosh and IBM personal computers. Revenues for fiscal 1988 were over $83 million.

Apple-Microsoft Lawsuit

Apple's copyright infringement suit against Microsoft and Hewlett-Packard is still being reported in the States.

The next phase of the lawsuit will not be held until April 1990. However, an out-of-Court settlement is still being sought by the two parties — if only they could agree terms.

New Gizmos Font

Lexitrope, the UK developer of PostScript fonts, is about to extend its range with a new Gizmos font. This is in addition to the fraction font and the two borders fonts.

The new font will include such useful symbols as AA, RAC, Access and Visa logos - all accessible by a single key depression. Availability is quoted as late May 1989.

All Lexitrope fonts also include an Adobe Illustrator file of the full font in outline.

Mac's 32-bit Colour

Apple announced its 32-bit colour extensions to Colour QuickDraw in Philadelphia. This extends the Mac's colour capabilities to display up to 16.7 million colours on-screen si,ultaneously. Apple is providing guidelines on how the new technology can be used by developers.

The new QuickDraw will be included in release 7.0 of the Macintosh operating system. It will be distributed free via Apple's dealer and sales network in the States but there's no indication of availability elsewhere. It requires 2Mbytes of RAM, and will run on the Mac SE/30, II, IIx and IIcx.

Also announced was a new version of the PostScript Printer Driver (6.0), which allows most Mac applications to print in colour on colour PostScript printers and improves the quality of monochrome output on LaserWriter printers.

Omnis 5 for the Mac

Blyth Software announced the imminent release of Omnis 5 at the MacWorld Expo in Amsterdam.

The new version will include features such as HyperCard access, Mac interface support, CL/1 support, colour support and multiple windows.

The Omnis 5 package will include a new version of the Omnis Express application-building utility.

The company claims that the IBM version of the database will be upgraded shortly, and will be compatible with Omnis 5 Macintosh files.

The new product is seen as filling some gaps which have become apparent as competitors have introduced alternative databases to the market-place.

The formal unveiling is scheduled for MacWorld in Washington, and Blyth expect to start shipping in May.

SuperGlue II

Solutions International have announced SuperGlue II, due for release in late May.

New features include colour support, a lasso tool and a new annotation feature.

The new version will be priced at $119.95. Upgrade will be free to those who purchased after 6th April, or $25 (plus shipping) to current users.

System 6.0.4 delays new Macs

A delay in the release of System 6.0.4 is causing the portable and the 25-MHz IIcx to slip delivery dates, as the new system is required for these new machines. The delay is apparently due to hardware modifications which have required some system changes.

PixelPaint 2.0

USA: List price of PixelPaint 2.0 is $395. An upgrade is available - free if an earlier version was purchased between 15th December 1988 and 15th March 1989, otherwise the upgrade cost is $125.

PAUL BRAINERD PRESIDENT OPENS ALDUS UK Ltd

Aldus UK Ltd moved into new premises recently. We were pleased to see that they chose to remain based in Edinburgh, although they are also opening an office in London.

The new premises are only about a mile from Craigcrook Castle, which they shared with Aldus Europe Ltd. A fine, 19th-century house (pictured below), the offices are very comfortable, with room for expansion.

The official opening, on 20th April, was performed by Paul Brainerd, who had come over from the States especially for the occasion. The guest speaker was Michael Bywater (of Punch fame), and he was very entertaining — particularly when handing out suitable(?) gifts to the assembled management team to commemorate the event!

The guest list was impressive, including representatives from the large computer corporations such as Apple and IBM (and even Microsoft — despite the continuing litigation). Also represented were Aldus' dealers and distributors, their suppliers, their training centres and some of the major users of Aldus products. We were not the only user group to be represented — the newly-formed PageMaker User Group also attended, and we were very pleased to see that the plaque which we presented to Aldus at last year's MacUser Show was proudly displayed, along with other awards.

In his opening remarks, Alasdair Boyle reviewed the more significant events for Aldus UK during the last year. He claimed that the biggest single task had been to manage the growth and development of the business, as they had seen quite incredible increases in the business level — especially due to the introduction of new products such as Aldus FreeHand and Aldus Persuasion, and the upgrading of existing products. There had been close liaison with the major computer companies, in particular some joint marketing activities — not only with Apple and IBM but also Olivetti, Canon, Wang and many of the others.

During the 12 months, their market share figures had increased from 52.3% in early 1988 to 60% by the end of the year.

At the beginning of 1988, Aldus UK had 8 members of staff — all housed at Craigcrook Castle. This has increased to 32, with some scattered around the country — including a new UK marketing and sales office in Hammersmith in London.

There is a fairly typical departmental structure in Aldus UK. Within that structure there are three main functions:

Marketing Services is headed by Moira Craig, with responsibility for marketing, public relations and technical support.

Sales and Training staff, headed up by Brian Liddle, look after the sales activity in Edinburgh and elsewhere, and the training of dealers.

John Swan looks after the Finance and Admin. Department, as Financial Controller.

When it came to revealing future plans, Alasdair promised more development of relationships with customers and suppliers, the introduction of new and updated products, a continued commitment to the Aldus staff and a further increase in market share and in overall levels of business.
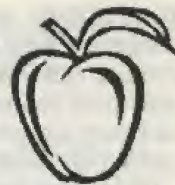
We wish them well in their new premises.

ALASDAIR BOYLE - GENERAL MANAGER

Apple Slices

Apple announces Apple IIgs System Software 5.0

May 5, AppleFest, Boston: Apple announced new system software for the Apple IIGS. The new system meets the needs of both network and standalone users. It includes a network-aware Finder that provides access to AppleShare file servers and network printers, performance enhancements to the Toolbox, and a graphics-based Control Panel.

Customers using networked Apple IIGS systems [with AppleShare File Server and AppleShare Print Server software] will find that Version 5.0 provides the following benefits:

❑ *Reduced floppy disk management and powerful print and filesharing services, with easy access to network resources;*

❑ *AppleShare log-on using the new graphics-based Control Panel;*

❑ *Networked printers available for selection from the Control Panel;*

❑ *AppleShare server volumes visible and accessible from the desktop.*

Apple IIGS System Software Version 5.0, available later this summer, will replace Version 4.0 and AppleShare IIGS Workstation Software when it becomes available. The product will be available as a system update, and will be packed in with all new Apple IIGS computers. The software requires at least 512K of RAM for an individual system, at least 768K of RAM for a networked system, and ROM version 01 or later.

Overview: The Apple IIGS System Software Version 5.0 gives you all the advantages of the latest system software for the Apple IIGS personal computer. It features GS/OS, an operating system that improves the starup time and speeds up disk access, program launching, and file copy and transfer tasks.

GS/OS includes File System Translators (FSTs) that enable applications to directly access files created using other file systems. For example, the ISO/High Sierra FST allows you to run CD-ROM applications that follow the ISO/High Sierra standard, and the AppleShare FST gives you access to files on AppleShare file servers.

The Apple IIGS System Software Version 5.0 also offers several features that significantly improve the computer's functionality and ease of use.

The Finder (a graphics-based interface that allows you to manipulate files on the desktop) is now easier to use, faster, and more informative than earlier versions. It has also been revised to allow access to the AppleTalk Network System, so you can share programs and data located on an AppleShare file server, as well as networked printers, with other AppleShare users.

Another important feature is the new graphics-based Control panel, access from the Finder via the Apple menu. You can use the Control Panel to set the time and date, raise or lower the sound volume, log on to network servers, configure slot assignments, and even change screen borders or background and text colors.

Version 5.0 includes the Advanced Disk Utility, which features an easy-to-use, graphics-based interface and allows you to initialize, erase, and partition hard disks, as well as both 5.25- and 3.5-inch floppy disks. You also get the Installer utility, which lets you update your startup disks and customize theirconfiguration for your system and its attached peripherals. ❡

Apple's System Software Directions

SAN JOSE, California May 9, 1989: Apple Computer Inc. today previewed its system software direction to an estimated 1,500 software and hardware developers by disclosing plans to extend its Macintosh personal computer System Software. The announcement was made at Apple's 1989 Worldwide Developers' Conference here to give developers the opportunity to write applications and design peripherals that will take advantage of the new capabilities currently under development for the next major release of System Software.

The core system software technologies that are under development and announced today offer new capabilities across the board. The new system will include new functionality in operating system software, the imaging system, database access capabilities, Finder and communications capabilities.

"We are continually evolving the Macintosh system software by bringing new technologies and capabilities to our systems," said Randy Battat, Apple vice president of product marketing. "It is important to us that our existing usersas well as future usersshare in this evolution. Because the Macintosh architecture was designed to be extensible, System 7.0 will be compatible with both current and future Macintosh computers."

The expanded operating system software will extend available memory and will provide the facilities for applications to work cooperatively. The new capabilities include virtual memory, 32-bit addressing and the new Interapplication Communications Architecture (IAC). Virtual memory will extend users' available memory by transparently treating the hard disk as additional RAM. 32-Bit addressing will expand the maximum memory addressable by applications.

IAC is an integrated communications framework

that allows applications to exchange data and instructions either on a single Macintosh computer or over a network. IAC includes both the foundation software to facilitate communications as well as a set of common protocols that allow applications to interact in a consistent manner.

The new imaging system software is being designed to maximize Macintosh capabilities in the areas of color, text and printing. The new software includes outline fonts, the Layout Manager, a new architecture for printing as well as the previously introduced 32- Bit QuickDraw software.

Outline fonts and the Layout Manager will provide sophisticated text functions. Apple's Outline fonts are mathematical descriptions of text that can be scaled to any point size at any resolution, providing sharp text on displays, printers, fax modems and other output devices. Leading type vendors are also announcing support for Apple's Outline fonts today. The layout manager will provide typographical quality text layout including automatic kerning, ligatures and contextual forms for any application. Together, these functions will also set a new standard for internationalized applications software. ⌘

New Macintosh Communications Toolbox

SAN JOSE, Calif. May 9, 1989: Apple Computer, Inc. announced the Macintosh Communications Toolbox to developers at its 1989 Worldwide Developers' Conference here. The Communications Toolbox is an important new part of the Macintosh System Software, extending the Macintosh Toolbox into the networking and communications environment. The Macintosh Toolbox is a set of common routines, functions and features that all software applications can draw on.

The Communications Toolbox revolutionizes the way software developers and users interact with communications software. Compared with other communications environments, the Communications Toolbox offers significant benefits to both end-users and developers. It provides developers with standard programming interfaces to data connection, terminal emulation and file transfer capabilities and provides end-users with consistent user interfaces across all applications.

"The Macintosh Communications Toolbox is a vital part of Apple's connectivity strategy because it significantly extends the power and consistency of the Macintosh to the world of communications," said Don Casey, Apple vice president of Networking and Communications.

Possible applications that will use the Communications Toolbox include telecommunications or terminal emulation software as well as added communications functionality to almost any application.

The Communications Toolbox is made up of four components: the Connection Manager, the File Transfer Manager, the Terminal Manager and the Communications Resource Manager.

The Connection Manager provides applications with standard access to different types of data connections, independent of the communications protocols being accessed. Support for particular communications protocols is provided via connection tools. Connection Tools are installed in the System Software much like fonts or desk accessories.

Like the Connection Manager, the Terminal Manager and the File Transfer Manager provide applications with standard access to different types of terminal emulators and file transfer protocols. Terminal Tools provide terminal emulation functions to applications, while File Transfer Tools provide file transfer capabilities to applications. The Communications Toolbox has an open architecture. This expanded capability allows third-party developers to create custom tools and enables end-users to enhance existing applications with additional communications functionality.

Apple will initially release a set of communications tools that will provide a broad set of communications functionality to developers and end-users: an asynchronous serial connection tool; a Hayes-compatible modem connection tool; Teletype, DEC(TM)-VT100 and DEC-VT320 terminal tools; ASCII Text and XMODEM file transfer tools.

Apple also announced its plans to incorporate the Digital Equipment Corporation proprietary Local Area Transport (LAT) terminal services technology in the development of a Communications Toolbox connection tool. This technology will provide an efficient means for developers to offer Ethernet-based, multi-session terminal emulation capabilities on the Macintosh. LAT is a communications protocol used in DECnet/OSI local area networks. Developed by Digital originally to connect terminals to host systems via Ethernet, LAT is also used for connecting printers or links to VAX hosts.

The Communications Resource Manager and other utilities included with the Communications Toolbox provide important support to developers in creating powerful communications applications. The Communications Resource Manager also enables hardware developers to "register" their cards, such as serial port cards and internal modems, with the System Software, allowing software developers and users to select these cards in a standard manner.

The Communications Toolbox is scheduled to ship to developers later this year. It will be available through APDA and will be included with future versions of the Macintosh System Software.

Apple, the Apple logo, and Macintosh are registered trademarks of Apple Computer, Inc. QuickDraw and APDA are trademarks of Apple Computer, Inc. DEC, DECnet and VAX are trademarks of Digital Equipment Corporation. ⌘

Details of the New Apple Font Format

SAN JOSE, California May 9, 1989: Apple Computer, Inc. today announced to developers a new technology for creating sharp text on any screen or printer at any size using the Macintosh personal computer. The announcement was made as part of Apple's preview of core system software technologies at the 1989 Worldwide Developers Conference here.

Outline fonts are mathematical descriptions of text

characters that allow the Macintosh computer to accurately display text at any size on any screen or printer. Currently bit-map fonts, while providing a degree of WYSIWYG, are limited in their ability to display or print any point size at any resolution. The new technology will provide Macintosh customers with full functionality on existing and future Macintosh computers. Most software applications will take advantage of the new fonts with little or no revision.

"Apple has brought the type quality that was only available on expensive and custom publishing systems to the Macintosh," said Jean-Louis Gassee, president of Apple Products. "The addition of this important technology to Macintosh System Software brings the advantages and power of high-end font formats to the desktop, providing our customers with high-quality text at any size on any screen or printer."

Apple is developing the new font format to be integrated into current and future Macintosh architectures. Throughout the development process Apple has consulted with many leading font vendors, which have provided years of experience in font technology. Combined with the Layout Manager, another core technology announced to developers today, the new fonts will deliver sophisticated typographical control to any Macintosh application. The result is a font format that is fast, flexible and capable of superior quality at all resolutions--from high-end typesetting to screen displays.

The format includes the specifications for a powerful "instruction set" that controls characters at small sizes for printing or screen display, while preserving excellent quality at high resolutions.

"Until now, these techniques for achieving sharp text at small sizes were not available to all type vendors," said Jim Gable, Apple product manager for digital type. "Apple is now giving type vendors equal access to a major new software category on he Macintosh."

The new font format will be published in future editions of Inside Macintosh, Apple's technical reference guidelines. Type vendors will not be required to negotiate royalties or sign licenses from Apple to obtain the font format.

The new font format was announced as one of several core technologies being developed for the next major release of Macintosh System Software. Apple plans to announce the complete System 7.0 features and customer availability later this year.

Third-party support

In conjunction with Apple's announcement, several leading typography, software and hardware firms announced that they will implement Apple's new font format. Many of these vendors assisted Apple in the development of the new format.

The following vendors announced support for Apple's new font format:

Type vendors:
AGFA Compugraphic, Wilmington, Mass. Bigelow & Holmes, Menlo Park, Calif. Bitstream, Inc., Cambridge, Mass. The Font Bureau, New York, N.Y. Typeface Corp., New York, N.Y. Kingsley/ATF, Tucson, Ariz. Linotype AG, Eschbom, West Germany

Monotype Corp., Salfords, England URW Unternehmensbertung, Hamburg, West Germany

Software developers:
Altsys Corp., Plano, Texas Broderbund Software, San Rafael, Calif. Casady & Greene, Carmel, Calif. Cricket Software, Malvern, Pa. Letraset USA, Paramus, N.J. Palomar Software, Oceanside, Calif.

Hardware developers:
GCC Technology, Waltham, Mass. Hewlett-Packard, San Diego, Calif. Mirus Corp., Santa Clara, Calif. Tektronix, Inc., Beaverton, Ore.

Adobe Systems, Inc. today announced that it will provide a utility that converts Apple fonts to the Adobe PostScript format. This announcement assures Macintosh customers that Apple's fonts can be printed on all Macintosh devices, including PostScript printers.

Apple also is currently discussing the new format with Tegra/Varityper, Inc. and many other companies. Apple anticipates that other companies will make announcements to implement the new font format in the next several months.

Apple, the Apple logo, Macintosh and LaserWriter are registered trademarks of Apple Computer, Inc. PostScript is a registered trademark of Adobe Systems, Inc.

Apple announces New Floppy Drive

Dateline:
WASHINGTON, D.C.--April 26, 1989.

Product Description:
External 1.4MB disk drive for the Macintosh IIcx and SE/30 personal computers.

Significance:
The Apple FDHD External Drive allows Macintosh computer users to take advantage of the FDHD improved capabilities to format, read and write Macintosh 400K, 800K and the new 1.4MB disks, as well as MS-DOS , OS/2 (720K or 1.44MB) and 800K ProDOS disks using Apple File Exchange 1.1 or greater.

Available:
Immediately (domestic only, international at the end of June).

Price:
The suggested retail price for the Apple FDHD External Drive is priced at $629.

Contact:
Cindy McCaffrey
Product Publicity, Public Relations
0101 (408) 974-1578

Members' Small Ads

**WARNING: The sale of copied or pirated software is illegal.
Please ensure that items offered for sale are new or re-registered.**

FOR SALE

Apple IIgs with Apple Colour Monitor and 3.5 disk
drive and 1.25 meg Ram card expandable to 4 meg
Complete with GS/OS, Deluxe Paint II, DeluxeWrite,
Fantavision, Music Construction Set, Defender of
the Crown and various books.

All in very good condition ...... 1250 punt or £1090
ImageWriter LQ with Technical Reference Manual
and lead .... 800 punt or £696
Mono monitor for Mac II .... 250 punt or £217.50
AppleWorks 2.0 .... 100 punt or £87
Super Serial Card .... 70 punt or £61
Disk II drive .... 60 punt or £52
'Phone John Woods .... ▒▒▒ ▒▒▒ ▒▒▒ ▒▒ ▒▒▒▒▒

WANTED

Apple Drive 3.5" for Apple IIGS.
'Phone Bill Ruston .... ▒▒▒▒ ▒▒▒▒▒▒

FOR SALE

(All items suitable for either][+ or //e unless other-
wise stated)

20Mbyte SCSI DMS hard disk suitable for Mac,
complete with SCSI cable £225

800k 3.5" disk controller card, controls two 800k
drives..£180

Apple][disk drive £45

Apple][motherboard (populated)—not working,
good for spares £10

Brother HR15 daisywheel printer. Parallel interface,
tractor feed £75

Epson MX80 printer with serial and parallel ports.
Will work on either Apple][+, //e or Mac £70

Microvitec medium res. colour monitor copmplete
with controller card for Apple][+ or //e.........£150

Miracle modem WS4000 v23 (1200/75 baud).
complete with leads £80

Parallel printer card with 64k cache memory, com-
plete with cable...£50

3 boxes of unused (still sealed) Verbatim Datalife
DSQD 5.25" floppy disks...................................£10

Visicalc - complete with manual.......................£20

Visicalc Utilities £5

Applesoft Tool Kit c/w disk £7

BuzzBox v21 (300/300 baud) modem £25

All prices exclusive of P&P

The above are just some of the items for sale, due to
changing to a Mac. There are numerous books, as
well as hardware and software—so why not call?
'Phone Peter Wilson .... ▒▒▒ ▒▒▒ ▒▒▒

FOR SALE

Apple IIGS with Cirtech GS8 card, Apple colour
monitor, 3.5" drive and ImageWriter II.

All as new (purchased end April this year). Including
AppleWorks and TimeOut utilities.

This is a genuine bargain, due to unexpected pur-
chase of Mac SE. Cash offers over £1400, please.
'Phone Nick Brown (Notts) .... ▒▒▒▒ ▒▒▒▒▒

WANTED

Tractor feed printer and card for Apple //e.
'Phone Terry Milling (Daytime) .... ▒▒▒▒▒ ▒▒▒▒▒
(Evening)..... ▒▒▒▒ ▒▒▒▒▒▒

ᵍ AppleWorks Corner ᵍ

Appleworks (AW) is for many of us an essential part
of our daily life. However information on updates etc.
can be a problem. The National Appleworks User
Group (NAUG) in the USA produces a monthly maga-
zine with useful articles and tips as well as current
information. In addition they run a Bulletin Board,
which is available to non-NAUG members.

The purpose of this AppleWorks Corner is to high-
light what is going on in the magazine 'Appleworks
Forum'.

In the June issue there was an interesting editorial
comment on the new 'vapourware' from Claris in the
form of AppleWorks 3.0 and a new version of GS
Works. The articles consisted of a continuing and
well written series on spread sheets, this issue con-
centrating on @chose. This is a well written series.

Another article gave tips on how to extend printer
ribbons life. This was interesting and informative.
For example it stated that if you spray the ribbon
after opening the cassette with WD 40 and storing
overnight on a sealed polythene bag the ribbon was
as good as new.

Another interesting tip for the ImageWriter was to
leave it on all the time as it appears that each time
you turn it off a command is given on turning on
again such that you deplete the ink from the top
section of the ribbon.

There was an article on organisation of hard drives
which was again well written.This would be of inter-
est to people who need a primer in this area.

A series of articles is also being run on Macros and
the tenth one was on repetitive tasks. I have found
these of great interest having just started with
Macros.

All in all another good issue for those interested in
AppleWorks.

Keith Rookledge

Letter Box

Dear Sir,

Your reply to Philip Hirons in "Letter Box" in the May edition of Apple Slices has triggered off my question.

I am retired, with a IIgs as a splendid toy that is made to work quite hard on wet days. But whenever I think about finding out what fun I could get out of Bulletin Boards and the like I get utterly confused by the literature on the subject of communications. What do you suggest I need to get into this field just to see what it's all about without spending a fortune? I have both 3.5 and 5.25 drives, and 1M on a GS-RAM card. Our local BT have recently upgraded from steam-drive, and we now have plug in telephone sockets.

My thanks and congratulations to all of you involved in producing Apple2000. You are doing a great job. Incidentally, can anyone tell me why Apple UK tried to move without anyone knowing? And would Apple II owners notice anyway?!

Jeff Clayton

❏ Thank you for the kind words. You ask why Apple moved without telling anyone. They of course told the people they thought ought to know, such as the dealers and the press. Humble users like ourselves are not supposed to actually contact Apple directly at all! The dealers are meant to deal with our problems. This is of course where Apple2000 comes in. They just do not have the background or expertise to match that of the Apple2000 members collectively.

You also ask how to start up with communications without tears. This is a subject that seems to crop up very frequently, and is of course close to my own heart. I shall try to make it simple for you if I can. Assuming you already have a computer, there are three things you will need, a serial interface, a modem, and some communications software.

1. On the //c, IIgs and the Macintosh, the serial port is already built in. On an Apple II+, //e or /// you need to add a serial card such as the Super Serial card or Cirtech Champion card.

2. Modems come in many flavours and sizes. On the Apple II+ and //e you can use any standard manual modem such as the Nightingale or WS2000. These can often be bought quite cheaply secondhand. On the //c, IIgs and Macintosh you need a 'speed-buffered' modem such as the Linnet or WS4000 to be able to talk at a reasonable speed.

3. Software is the biggest jungle. For the Macintosh there are recommended programs such as Microphone and Vicom, however we have the powerful 'shareware' program Red Ryder in our library. For the IIgs there are recommended programs such as The Gazelle, Point-To-Point, ProTerm and MouseTalk, but we have FreeTerm and TalkIsCheap in the IIgs library, both 'shareware' programs. Apart from FreeTerm, all these programs can run on the //c and the //e. For the II+ you will need a program like Antelope (available from Apple2000).

I hope this has not been to complicated for you, and I have not even mentioned Viewdata or Prestel at all. I suggest in your case, if you want to see what TABBS and other Bulletin Boards have to offer, you will need the Linnet modem (see our current price list), a modem cable (order as cable 656310) and disk 2GS002 from the IIgs library.

Ewen Wannop   //

Dear Apple2000,

May I congratulate you on a very informative magazine. I found the articles on the PlusRam 16 and PlusDisk very informative. Also, through the members small adverts I have been able to purchase some pieces of software I was after.

My real purpose in writing to you is to glean some information on how to use an Ice hard disc with my A//e. I particularly wish to use Dbase III and Omnis 3 which obviously require large amounts of storage space. I would also like to have Dos and ProDOS and CP/M on it as well. I have the Ice manual and the Ice Apple II Multi-user Housekeeper version 1.0 disk and the Pascal and CP/M patches.

Although I have read and re-read the manual I'm having particular difficulty. I still cannot get this to work properly. I am also getting a lot of "Hard Error on Block" errors which the manual does not give any indication as to the significance of these. I assume this means a hardware failure and is not writing information to the disk correctly and which is causing me problems in being able to use it. Am I correct in this diagnosis? Or is this a software problem or could other software be used to format the hard disk?

As I am still a very inexperienced user of the Apple //e and am still waiting for the manuals to arrive, I do not understand how to do the configure volumes section and how I can access the hard disk using the different operating systems. Nor do I know what is the best slot number to use for the Ice controller card. Nor does the Ice manual give any hints on commands to use to save or retrieve information from it! Can I store say, AppleWorks files on it? Omnis files? Dbase files?

I would be very grateful for your assistance in this matter. Even if I am advised that the disk would be unuseable because of the many Hard Errors it reports I would still be resigned to purchasing a hard disk for it.

Many thanks for an excellent magazine.

David Beale

❏ There are a number of Ice Hard drives becoming available on the secondhand market. They seem to be very attractive, as they are often quite cheap in price. However, do not purchase one unless you are absolutely clear what they can and can't do.

If we are to purchase a Hard Drive on the open market, we expect it to be a SCSI drive that can connect to a standard SCSI interface card. Such a drive is seen by ProDOS without any alteration as a block device of a fixed size. This means that we do not have to do anything special for ProDOS programs to be able to see

and use it. If we wish to use some other operating system, such as Dos 3.3, Pascal or CP/M, there are many utilities that will create a partition on a standard SCSI hard drive, and then run normal programs in this environment. Cirtech are the leaders in this kind of software.

However, it was not always like this. Before Apple introduced the SCSI drive to the Apple II, many manufacturers built special drives for the II. In almost every case, the drives were non-standard (usually built round an industry standard IBM style drive), and ran under 'patched' or non-standard operating systems. Ice drives fall into this category.

To use these drives, it was necessary to install boot software on the drive that would allow the thing to get going in the first place. Once started, it was usual to have some form of 'selector' which would start the various volumes or partitions. Each of these could have a different 'patched' operating system resident. The main limitation you will come across are that some software simply will not run under this combination of hardware and operating system. You will also find that you will not be able to boot a standard disk and expect to see the hard drive.

To put all this in a nutshell, you have three options open to you. Firstly you can persevere and try to get the Ice working, secondly you could sell it and build or buy a SCSI drive, thirdly you could convert the Ice into a standard block device by using the Mega-board interface card. There was review of this card in the October 88 issue of Apple2000.

I am not conversant with the Ice and its quirks, but I will try and answer some of your questions. First of all, you are getting some "Hard Drive" errors. These may be bad blocks on the drive, and for this I would suggest re-formatting the drive at low-level. This may not be possible, check if there is some supplied software that allows you to erase the disk and mark bad blocks, run this if it exists and mark all bad blocks that exist. You will then have to re-install the system and its partitions onto the drive.

It is at this point that you should decide what kind of partitions you want, and their size. I doubt if

there is any other software other than that supplied that you could use to format the Ice disk.

I am not sure precisely how the 'configure volumes' will actually work, but you should be aiming to partition up the available blocks as running under the different types of operating systems you want. You will probably then have to install the appropriate operating system on each partition and then designate one as the boot system. It is usual to put these rogue drives in Slot 7 of the Apple II. This will make sure that they boot first when you switch on. On the IIgs you can of course specify which drive is the Boot drive.

To save and load files from the drive, you will need to do this under the appropriate operating system. This will of course be the 'patched' operating system, and they may well supply a 'patched' copy program with your hard drive utilities disk. You should be able to use the Filer under Pro-DOS to copy AppleWorks and its files onto a ProDOS partition. Similarly, under a 'patched' CP/M the COPY command should work and the Pascal Filer program should also operate normally.

To sum all this up, the Ice drive and others like it, are not for the faint-hearted. Once you have got the thing going, it is only suitable for running a few programs that you have installed on the drive. I would not recommend it for general use.

With a 20 mb SCSI hard drive costing from £300 upwards, you would find one a more useful beast than the Ice drive.

If anyone out there can help with the Ice further, please let us know. There must be quite a few users who could benefit from more detailed information on installing this device.

Ewen Wannop   //

Dear Editor,

I have just been plagued with the nVirB virus on my Macintosh. How should I get rid of it, and how can I protect myself from getting another infection?

As I have an Apple //c as well, can the virus spread to this machine over the network?

Mark Barker

❑ First of all, you should understand how a virus can attack your Macintosh in the first place.

Macintosh files consist of two forks, a data fork and a resource fork. This construction allows the resources, menus and other items within a program to be made easily accessible both to the programmer and the user.

Most data files, such as those created by word processors, will not have any resources. Program files on the other hand, may be entirely composed of resources.

Virus attacks usually add, remove or alter the resources of any program that is currently running. The System file is always running underneath any other program or utility. The System therefore is the first to be attacked and once this has a virus embedded, it can be passed on to any other program that is run from it.

Check to what extent your software has been corrupted by booting a fresh locked system disk and run a virus detection program.

Replace all the files that are infected with fresh copies from your master disks.

Remove all DA's and Fonts from your existing system file, throw the old system file away and reinstall a new system onto your hard disk. Finally you can restore the DA's and Fonts to the new system.

Once you have got the system and drive clean, place a copy of Vaccine or GateKeeper in the system folder to protect you against any further outbreaks.

The nature of programs on the Apple II is so different from that of the Macintosh, that no contamination is possible between the two machines. So far, there has been very little problem on the Apple II with virus attacks. The IIgs however is about to gain resource forks to its files under the new System 5.0. We will watch this development with caution.

Ewen Wannop

Stop Press

Ron Hoare of the Dorchester User group would like to see more interest from members in the Bournemouth & Poole area at the local meetings. The next scheduled meetings will be held on August 8th and October 11th.

Contact Ron Hoare (0305) 852576 for full details

Olduvai are in the news

OLDUVAI Corporation have been in the news in the States, lately—with a number of new products, enhancements to existing products, and the disposal of part of their product-range to TACTIC Software.

It has acquired exclusive marketing rights for **PLUS**, a new HyperCard-compatible Professional Multimedia Software Toolkit developed by Format Software of West Germany.

PLUS adds features wanted by HyperCard users including 8-bit colour and large-screen support; cards of any size; 6 different window types; irregularly shaped buttons; full text styling and "word processing" and "database" fields. PLUS' programming language includes extensions and additional commands to the widely-used industry standard, HyperTalk. A freely distributed runtime module allows developers to distribute PLUS stacks to others who do not own the full product.

Features include: an unlimited number of objects; object-oriented graphics tools; colour paint special effects; colour animations; 4 levels of fatbits graphics editing and the ability to import graphics in MacPaint, PICT, PICT2, EPS and TIFF formats. Imported images become objects and can be converted to bitmaps for editing.

Unlike other HyperCard-compatible environments, PLUS opens HyperCard stacks directly without changes or conversions, and is compatible with most previously written stacks available. An enhanced "Home" card is also included. PLUS 1.1 is available now, with a suggested retail price of $199.

Olduvai have also announced that their **ClipShare** product for the Apple Macintosh is now in final beta test stage and will start shipping in time for the Boston MacWorld Expo, August 10-13, 1989. ClipShare seamlessly integrates the "work-group" environment by allowing any user to send their clipboard contents to any other user on the network.

There are two ways of transmitting your clipboard—by holding down a specified key, or by simply choosing ClipShare from the Apple menu When a clipboard transfer is received, the receiving user is notified that a clipboard has arrived and is then prompted for where the clipboard is to be placed.

ClipShare does not require the use of any type of electronic mail system, nor any network server or spooler. ClipShare is compatible with all popular applications and network software such as TOPS, AppleShare, etc.

ClipShare is not copy-protected and runs on the Mac 512E, MacPlus, Mac SE, and Mac II/IIx/IIcx. ClipShare's suggested retail price is $295.

A further announcement related to **READ-IT! O.C.R.**—the new Version 2.1 is now shipping. READ-IT! O.C.R. allows Macintosh users to convert any Macintosh-compatible scanner into an optical character recognition system by simply adding software.

READ-IT! 2.1 contains new abilities making the entire O.C.R. process more productive, including: faster speed and better accuracy; new additional and improved font libraries (Type Tables); improved Apple, Microtek and Canon scanner drivers; new

scanner drivers for DEST scanners, and for the Abaton 300S and 300GS; support for hand-held scanners; rotating of pictures for "landscape" document; automatic loading of the most often used Type Table.

Version 2.1 of READ-IT! O.C.R. is available now, at the same suggested retail price of $495. All registered users of version 2.0 are offered a $29 upgrade.

Finally, OLDUVAI has sold ICON-IT!, FONT-SHARE, ART-FONTS (Vol. 1/2/3) and ARTCLIPS (Vol. 1/2) to Tactic Software, a newly formed software publishing and development company based in Miami, Florida.
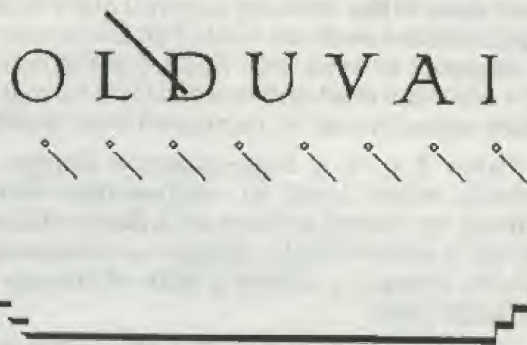
TETRIS Wins Four SPA Awards

Spectrum HoloByte's TETRIS, the first computer game from the Soviet Union, was the top winning entertainment program in the software industry's version of Oscar night, taking four of the coveted Software Publishers Association (SPA) awards: Best Entertainment Program, Best Action/Strategy Program, Best Original Game Achievement, and the special "Critics Choice" award for Best Consumer Software.

Thirty-five Awards of Excellence covering all areas of software were presented this year as a result of the voting of the over 400 members of the SPA. Members of the general and trade press were included in the awards process this year for the first time with the three 1988 Critics Choice Awards. They singled out a top product in the Consumer, Business, and Education categories.

TETRIS was created by two Soviet computer programmers. It was enhanced by Spectrum HoloByte with many play features and beautiful background graphics depicting Soviet scenes. Another enhancement in many computer formats is an original musical score based on Russian folk tunes. Versions of TETRIS are available for almost every personal computer.

A game of skill requiring fast thinking and quick reflexes, TETRIS features moving shapes to be rotated and positioned into solid rows. Points are based on the player's manoeuvring speed and agility. The game has been referred to as "a puzzle in motion" and "the Rubik's Cube of software".TETRIS quickly won critical acclaim from reviewers in the media who used adjectives such as "compelling", "irresistible" and "devastatingly addictive".

IBM Connectivity for the Mac

Principal Distribution Ltd is distributing two new products from Kennect Technology of California. Rapport and Drive 2.4 bring DOS connectivity and expanded floppy disk storage capacity to the Macintosh.

Rapport is a mouse-sized, plug-in module which allows the Macintosh user to import and work with MS-DOS files quickly and conveniently, at the click of an icon. Rapport plugs into the external drive port. Files can be read directly from a 720K MS-DOS format disk in the existing internal drive when running applications such as Apple File Exchange or Soft PC. If Rapport is used with Apple's 800K external drive, the user can read and write to DOS format disks, and disk capacity can be increased from 800K to 1.2Mb.

Drive 2.4 is a high-capacity floppy disk drive which, when used in conjunction with Rapport, allows increased storage on a floppy diskette. On an 800K standard disk, storage is increased to 1.2Mb; whilst Drive 2.4 allows 2.4Mb of storage on a high-density disk.

Rapport retails at £199 (+VAT), and Drive 2.4 costs £299 (plus VAT). Both products are available from Apple dealers and Apple Centres through Principal Distribution Ltd.

Cricket Software Sels Out

Cricket Software sold out June 1989 for a price in excess of $4million to software colossus Computer Associates International Inc., after months of speculation and some embarassment at MacWorld.

Computer Associates, of Garden City N.Y., acquired Cricket's five Macintosh graphics products—including Cricket Presents, Cricket Expressions (a library of colour device drivers), Cricket Graph and Cricket Draw.

Principle Colours Up

Principal Distribution Ltd has been appointed main supplier to the Macintosh market for Sharp Electronics' colour scanner.

The JX-300 and JX-450 desktop scanners use the latest technology to provide very high image resolution and extremely fine colour separation, with a resolution of up to 300 dots per inch and offering colour, greyscale and black and white scanning modes. Depending on the software used with the scanner, up to 16.8 million colours are available.

The scanners use a Sharp charge-coupled device (CCD) which converts the original's colours to 8-bit digital data, for each of the three RGB channels. For reproduction, it assures 6-bit accuracy for a palette of more than 16.8 million different tones. For the desktop publisher, it can digitise 256 grey levels for newspaper quality images.

The JX-300 provides scans up to A4 sized documents. The JX-450 will handle up to A3 originals and has an optional Scanner Mirror Unit which allows scanning of 35mm or OHP film with excellent precision.

The scanners support several software packages including PixelScan (part of SuperMac Technology's PixelPaint program). The JX-450 retails at £7,245 (plus VAT) including the Sharp GPIB IEEE interface and cable, and the JX-300 costs £2,885 (plus VAT) also including interface and cable.

The Sharp scanners and accessories are available from Apple dealers and Apple Centres through Principal Distribution Ltd.

Harping on ...?

At long last, Apple is set to expand its manufacturing plant in Ireland at a cost in excess of £50million (give or take a punt). The expansion is to cater for demand due to the increase in sales.

The Cork plant is planned to cater for all of Europe, and we assume that Apple are hoping that this will put a stop to the grey imports which are supplied from the USA.

It's a pity Apple (UK) don't keep us informed of such developments—the source of this information was the USA!
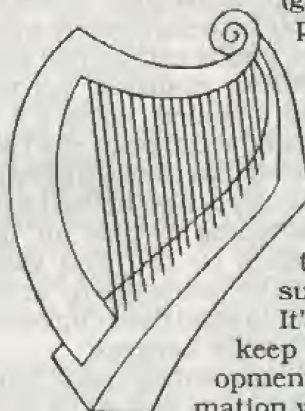
Adobe Wins Four Awards

Adobe Systems Incorporated was presented with four awards at the US Software Publishers Association (SPA) Excellence in Software Awards Ceremony.

Three were awarded to the Illustrator 88 program, for: Best of the Best, Best Business Application and Best Graphics in a Graphics Product.

In addition, Adobe was presented with a prestigious technical achievement award for the PostScript language.
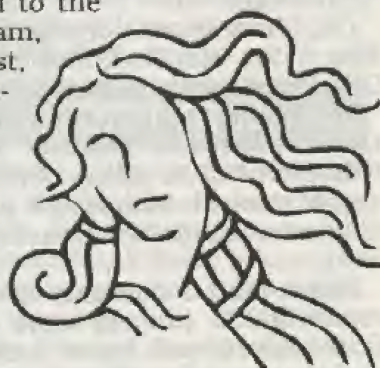
IIgs System 5.0

On the 7th of August Apple released System 5.0 for the IIgs. Announced at the Applefest last May, the new system for the IIgs promises to be an important step forward for this machine.

The tool sets have had extensive reworking and are now into revision 3.0. The main difference that will be noticed at first is a dramatic increase in drawing speed. This is especially noticeable on window drawing. The Finder now operates at a respectable speed comparable with a Macintosh Plus.

There are many other subtle changes and improvements, both to the file systems and the operating system. Pathnames now are true GS/OS compatible and can be any length with both upper and lower case characters. The pathname separator is now the colon ':' rather than the familiar forward slash '/'. It does not matter in fact which one you use, but the results will be displayed using the colon. This is all to give compatibility with future FST's that may be introduced. The old ProDOS pathname structure, for instance, could not cope with a Macintosh filename. An error will now be returned from the FST if the pathname supplied by you does not suit the target disk system.

Disk caching is now controlled by an Express Loader rather than the NDA that was issued with System 4.0. System 5.0 requires a minimum of 512k and a suggested 1m to operate. With enough memory available system file segments are stored in memory rather than layered constantly from disk. This makes for much less disk access than before. Combined with the Express Loader, disk access is very much less than before giving faster application switching. The SCSI driver has been rewritten to bypass the firmware of the SCSI card. This also gives faster loading time. File copying under the Finder now takes place at breathtaking speed.

A new CDEV folder has appeared on the desktop. Files in this folder are used by a new Control Panel NDA, allowing the control of all the Control Panel functions from the desktop. This is analogous to the Control panel of the Macintosh and no doubt we shall see CDEV programs appearing soon to control many different functions. It has been very neatly implemented indeed, just try clicking on the version number and see what happens!

We have no technical details as yet from Apple about any of the major changes, the Tool changes will be of obvious interest to any software developer. The CDEV file structure will also be of immediate interest.

We shall bring you a review of System 5.0 in the October issue of Apple2000, meanwhile the two system disks have been released into the IIgs library

as 2GS020 (System.Disk) and 2GS021 (System.Tools). They are priced at £4.50 each or £9 for the pair, VAT and post and packing included. The files are also available on TABBS for downloading, but as they are large, do not try and download at less than 2400 baud.

To install System 5.0 on a hard disk from the two floppies, first back up your hard disk and then remove any icons you may have installed, the CACHE.NDA and any Control Panel NDA's. Make a copy of the System.Disk, remove the complete Tutorial folder from this copy, and copy SCSI.MANAGER and SCSIHD.DRIVER drivers from the System.Tools Driver folder into the Driver folder on the System.Disk. Now boot this disk and when you get to the Finder run the INSTALLER file on the System.Tools disk. Install 'All System Files' and 'Hard Disk' from the scripts, and any others that you wish to use. Now boot the hard drive with the new system installed.

If you use a program selector such as ProSel, you should rename the file called START in the system folder to OLD.START before you start to install the new system. When you have finished installing, rename the new START (which is actually the Finder) to FINDER and rename OLD.START to START.

There have been reports that some existing programs do not like the new system. We would recommend that you do not throw away your old system 4.0 until you are sure all is well. Some icons have caused problems, and we would suggest replacing any existing ones one by one to make sure all is well. The system will simply hang if it does not like any existing icons. Do not replace your old FINDER.ICONS of course as the new ones are much much better.　　　　　　　　　　　　　　　　　　　　❡

Enhanced Macintosh SE

With effect from the 1st August 1989 all Macintosh SE configurations shipped from Apple are being enhanced to include the FDHD 1.44Mb Floppy DiskmDrive. This is the same drive as used in the macintosh IIx, SE/30 and IIcx and provides access to the high density 3.5" 1.44Mb floppy disks. This means that the Macintosh SE floppy disk drive provides access to disks holding 80% more data than current 800K floppy drives, but more importantly, the disk drive is able to read and write to MS-DOS, OS/2 and ProDOS 3.5" floppy disks.

Apple will also offer an upgrade kit to current Macintosh SE owners which includes the internal FDHD drive, current system software release and the necessary logic board components. Suggested retail price for the upgrade kit is £425, available through authorised Apple dealers.　　　　　❡

Revised IIgs Logic Board

CUPERTINO, California, August 15, 1989

Apple Computer, Inc. announced today that it has increased the memory that comes standard with its Apple IIGS computer, offering greater value to new Apple IIGS customers for no additional charge.

"This change continues to demonstrate AppleUs commitment to provide enhancements that improve the Apple II computing experience," said Jean-Louis Gassee, president of Apple Products. "Together with the new Apple IIGS System Software 5.0, first available last month, the new Apple IIGS provides a much more robust platform for current and future software applications. Customers will find the Apple IIGS faster, more responsive and more capable than ever before."

The Apple IIGS now comes with 1 megabyte (technically, 1.125 megabytes) of random-access memory (RAM) and 256K of read-only memory (ROM) — rather than the 512K RAM and 128K ROM in the Apple IIGS it replaces. With 1 megabyte of RAM standard, the computer will operate on the Apple-Talk network system and handle larger documents and more sophisticated applications without the need for added memory. Additionally, some features of the new System Software 5.0 have been included in the computers ROM, providing developers more efficient access to system tools. The new Apple IIGS is compatible with hardware and software designed for previous Apple IIGS computers.

IIGS Developers Welcome the New Apple IIGS

Prominent Apple IIGS developers are pleased with the new 1-megabyte Apple IIGS and the type of applications it supports. "The value of the Apple IIGS has been enhanced tremendously," said Stan Roach, vice president, Activision Presentation Tools. "Apple is responding to the needs of users and developers by introducing this new machine."

Roger Wagner, president of Roger Wagner Publishing, Inc., commented, "The new Apple IIGS with System Software 5.0 is real evidence of AppleUs continuing support for the Apple II. The new standard memory and system software significantly improve the speed and performance of an already powerful machine. Combined with the new Apple II Video Overlay Card, the system provides a perfect environment for sophisticated applications like our HyperStudio hypermedia system."

"The Apple IIGS and System Software 5.0 provide the memory and speed customers and developers want," said Jordan Sachs, vice president and general manager of Britannica Software, publishers of the popular Designasaurus and Jigsaw applications. "Designasaurus, as well as our new programs Revolution T76 and Laser Force require the greater memory that is now standard. With it, we can maximize the potential of our applications, providing more information and making them more challenging."

Additional Features of the New Apple IIGS

Several other changes have been made to the Apple IIGS. Specific slots must no longer be dedicated to specific uses, so there are effectively more slots available for custom configurations. Additionally, a new logic board design produces minor improvements to the computerUs sound.

Other enhancements for people with disabilities allow them to manipulate the mouse and use the keyboard more easily. A new "sticky keys" feature enables users to activate several keys simultaneously with single keystrokes. Additionally, users who have difficulty moving the mouse may increase the computerUs responsiveness to mouse movements and may control more functions from the keyboard rather than the mouse.

Upgrade Path

The recommended upgrade path from the current Apple IIGS 512K is to add memory (available in 256K increments) and install System Software 5.0. Many Apple IIGS customers have already added memory to their machines and will obtain about 90 percent of the new machines functionality by installing the new system software. Apple is not offering an upgrade kit because the required logic board replacement is not cost effective for customers.

Price and Availability

The suggested retail price of the Apple IIGS with keyboard, mouse, manuals, system software and guided tour remains $1149. The machine is currently available in limited quantities from authorized Apple dealers. Full-capacity production will begin in early fall.

Apple II Disk Library

There has been a major addition to the Apple II disk library with over 50 new disks. There are 9 new disks in the IIgs library and a category for 5.25" ProDOS disks is now included. Many of the programs in this new ProDOS category are available on TABBS, and some have already been issued on IIgs library disks. We would point out that many of these ProDOS programs will not run on the II+ as they use the 80 column screen of the //e and //c.

An update to the Apple II library Catalog is being prepared, and we hope to include it with this issue of Apple Slices.

Programmers Wanted

We have been asked by Sherston Software if we can put them in touch with Apple //e programmers. Sherston Software is a software house specialising in educational software, and are in the process of versioning their BBC software to other computers. They need programmers who are experienced in writing in Basic with a graphic interface to version programs from a BBC format to the Apple //e.

If you think you can help, please contact:

Bill Bonham
Sherston Software
Swan Barton
Sherston
Malmesbury
Wiltshire - SN16 0LH
0666 840433

Letter Box

copy the cursor over a line to edit it, use Poke 33,33 before listing the line. This forces Basic to list the line 'as is' without adding spaces in the screen formatting. It may be necessary for you to also tell the printer you want a wide line.

Ewen Wannop
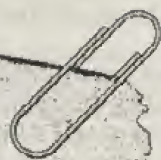
Dear Ewen,

Thank you for responding to, and publishing my letter in Apple Slices, about my queries on the Ice hard disk. I do hope this generates a response from other members if they have been able to overcome those problems stated!

Just as a follow up to your reply. I managed to reformat the disk without getting those "hard errors" I mentioned (I told the computer it was a 20MB disk when in reality I found out it was a 10MB disk!) I have managed to subdivide the disk into separate user volumes (which the Ice hard disk is meant to do) each with a 3 letter code and 4 letter password and to install operating systems - well nearly. Peculiarly the manual asks for the insertion of a Slave DOS diskette and copies that information to the hard disk. On trying to boot the hard disk it will display the separate volumes, allow the entry of the 3 letter code and password and then comes up with a choice of what Operating System to load ie DOS or Pascal. On choosing DOS the screen blanks and eventually the error message file not found appears. I seem to be getting very close in getting the thing to work!

Is there a programmers basic toolkit programme? I had one for an earlier computer I owned (TRS-80 compatible) which had a much better trace facility, a listing of all variables used, search and replace, renumber programme sections, single step through the programme and which displayed the variables and how they changed as the programme ran etc?

A final question - perhaps this could be for The Boffin - I prefer to have the 80 column mode in operation when programming Applesoft Basic. Is there any way I can get programme listings onto the printer in 80 column width instead of the usual 40?

David A Beale

❏ It seems as though you seem to be on the right track. If the DOS partition is trying to find a file, I would suspect that it is looking for the 'HELLO' program.

I think if you scan through the Apple II library catalog you will find all the Tools you are likely to need to work with Basic. I would specifically suggest you look at some of the new disks in the library, D115, D116 and D124 all offer tools to work at Basic and disk level.

The answer to your 80 column listing problem is etched on the memory of any anyone who has done extensive programming in Basic. Poke 33,80 does the trick! Address 33 (decimal) is the WNDWDTH variable and is used by the monitor routines. Do not try and use a value greater than the screen width except to send to the printer. Dire consequences can follow! If you are trying to edit in Basic and wish to

Dear Sir

I wonder if you would be so kind as to assist me in the following queries?

I own an Apple II Europlus and have recently acquired 2 Plug-in modules labelled TABS Accounting Business System, and on one is the instruction 'Seat card firmly in slot 3'.

I have also acquired a Mountain Computer Multi-Function card with clock which apart from it's slot connections also has a pair of wires plugged into the board at the slot end of the card. In addition there are three male connectors respectively 20, 26 and 6 pins.

I wish to know if these items are compatible with the Europlus and do they need any software to drive them.

In the case of the Multi-function card what purpose have the three male connectors?

Many thanks for your efforts and of all others on the working end of Apple 2000.

Steve Hollingshurst

❏ First of all many thanks Steve for sending your letter on disk. My fingers have been saved yet again!

In the August 1981 issue of Windfall (later Apple User) TABS is advertised for the Apple 48K computer with two disk drives. It mentions it requires the TABS firmware card. The //e was not even thought of in those days, so it is certainly compatible with your II+. Modules were priced at £99 each.

The CPS multi-function card is compatible with the II+ and is advertised in the October 1981 issue. I have no more specific information on the card itself than the advertisement which incidentally shows the cable you mention. The 20 pin outlet is certainly the parallel connection for a printer, the 26 pin outlet is the serial connection for a modem. It mentions that the outlets can be mapped into any phantom slot you desire. There should be a disk of software to customise the card for your particular setup. The 6 pin outlet is not mentioned in anyway, but there should be some sort of connection for the clock battery somewhere.

Perhaps someone can help with instructions and the disk of software. I would assume that you do not have either of these.
Ewen Wannop   ⬢

D-6200 Wiesbaden
West Germany

Dear Irene and Everyone at Apple2000,

I have just finished reading through the June magazine, in particular the Chairman's Corner where Ewen Wannop asks for contributions on disk and comments on what members want to see in the magazine, so here are some comments from me (on disk, of course, using MultiScribe):

Praise first: I have the greatest admiration and respect for all of you who run Apple2000 and produce the magazine voluntarily. You may be unpaid, but you certainly aren't unthanked. I, for one, am thanking you all here and now!

I like the Apple2000 magazine very much. There is always something interesting to read, but I do find it rather top heavy with advertisements and articles for the Macintosh and IIGS. However, I suppose this is a reflection of the marketing attitude of the Apple company, and the natural inclination of those that can afford it to go for a newer or more powerful machine.

Personally, I would like to see more articles about the Apple //e, and about desktop publishing, word processing and Print Shop/Print Magic applications, because these are the topics I am mainly interested in, both privately and at work, but I do realize that it is not possible to make a customized magazine for each member! Also, as I do most of my desktop publishing at the office using a PC or a workstation, it wouldn't do me much good anyway. However, I recently bought Berkeley Softworks' geoPublish from MGA, so I am busy trying that out. There's no comparison to Aldus Pagemaker or Ventura Publisher, of course, but when you consider that it is running on an Apple//e (128K), what you can produce with it is pretty amazing.

There seems to be a slight conflict in the Chairman's Corner text in that, on the one hand, you say you want articles and letters, and on the other hand,

you say members might have to wait a long time before they see their material published because you don't have enough room in the magazine. You can't have it both ways!

How would it be if you stopped producing Apple Slices, which is just big enough to emphasize the fact that it's not a decent-sized magazine, and brought out either an expanded version of the Apple2000 magazine every six or eight weeks, or a smaller version (but still bigger than Apple Slices) once a month. I would have thought that if you are all pressed for time, which I can well believe, that messing around with two different lots of deadlines, formats and sizes would just make life complicated.

And now for something completely different! Although I have had my Apple //e for four years, I have only recently noticed that there is a small switch on the underside of the housing at the right front, underneath where the keyboard would normally be (mine has been altered to be outside the computer). I have searched my Owner's Manual and any other manuals/books that seemed relevant, but I cannot find any mention of this switch. Do you know what it is for? I'm reluctant to try it without knowing what it's for in case it is an automatic self-destruct or similar!
June Baker

❏ Thanks as always for the kind remarks. It is very difficult for us not to be top heavy with advertisements for the IIgs and the Macintosh. We are at the mercy of the advertisers here, and they do not see a market in new equipment outside of these two machines. The //e and //c are not even stocked by Apple UK!

I take your point about the balance of articles. Here we are at the mercy of you all, the members. The core of us who voluntarily produce the magazine simply have no time to write articles themselves (or at least not as many as they would like). For the same reason, we are not able to chase people with big enough carrots to get specific articles. We do what we can, but in the end have to accept what we are given.

It is an endless problem as seen from our position. We would like the magazine and our services to expand and be better, but it comes down in the end to what people are actually prepared to contribute. Those of us at the centre of things are fallible, and need to have help if we are to expand in any way at all. This is usually the kind of pep talk that we give just before the AGM. Perhaps it is pertinent to give the members a little more time to think how they could give back to the group some of the knowledge they have gained from it.

I indeed asked in Chairman's corner for more articles for the magazine. The problem is always that we want to have high quality and a good range. This must mean that we have a steady supply of material that is actually greater than our needs. At the moment the supply is not steady, especially on the Macintosh side, so everything tends to get published sooner or later for want of better material. This is not to slight the contributions we have, we are very grateful for everything we receive. We hope that members are understanding if they do not see their piece actually printed.

You suggest that we drop Apple Slices and have a

smaller magazine once a month rather than the current situation. This is something that I personally would dearly like to see. However, the actual time it takes in producing Apple Slices is on average one day at each stage, as opposed to the week it takes to do all the bits and pieces related to each part of the magazine. It is just very much quicker to produce a Newsletter than a magazine. We would need an additional three experienced, reliable, Macintosh/LaserWriter equipped volunteers, if we were to go monthly.

Finally, the small switch on the bottom of your // e simply changes the displayed font. In the UK all this does is to replace the # with a £. What it will do on your computer will depend on which country it was purchased in. No harm will come by changing it. I would suggest running the following small Basic program to display the full character set, and then see what happens when you change the switch.

10 FOR I = 32 TO127 : PRINT CHR$(I); : NEXT

I would think that in your case it might give you a German character set.

Ewen Wannop　　　　　　　　　　　　　　　　　🍎

Scunthorpe
South Humberside

Dear Mr Wannop,

As a somewhat inexperienced, elderly member of Apple2000, I bought three Logo disks from the Apple Catalog. Due to the above inexperience, I did not realise that I also need a Logo startup disk to boot the other three. I contacted Dave Ward, who tried, (and is still trying) to obtain a startup disk for the above three.

I have, in addition contacted people in Birmingham, and Ireland, so far, without success.

Dave has been magnificent in his efforts to secure one for me, and I am truly grateful. The thought occurred to me, that there must be many members of Apple2000, who at one time or another are stuck for a rare or unusual disk.

This being so, would you consider a Disk Exchange column in the magazine? Whereby members could specify the disk they want, or disks for sale or copy.

Incidently, if in your wisdom, you can locate a Logo startup disk (16 sectors) I should be more than grateful, and Dave wards aspirin bill would be much reduced.

The magazine is fine!

Harry Markham

❑ We have been able to supply Harry with a Logo disk. However the question arises over a Disk Exchange in relation to Copyright. There is no problem in selling disks, and of course the small advertisement section of both Slices and the magazine are free to members for this purpose. This is easily extended to offers of exchange. However, copying disks is another matter all together.

If the originals are Public Domain or Shareware, then there is again no problem, but anything else is copyright and we must frown on any such suggestion.

But, in Harry's case, he wanted a disk which although copyright, is just not available these days. With the computer industry changing so fast, there are many firms who are no longer supplying products, though the copyright is still active on them. Where do we stand if we help someone out in such a case? Make very sure you are not breaking any copyright if you plan to copy an apparently obsolete disk.

Editor　　　　　　　　　　　　　　　　　　　　🍎

Barnsbury Square
London

Good support from Symantec for More

Dear Sirs,

It is not often that I feel like writing about the good support I get from software companies but my experience with Symantec is worth publishing. A year or two ago The MacSerious Company became the UK distributor for Symantec products and they mounted a big advertising campaign threatening people who did not buy from them with dire consequences and no upgrade path. I dutifully registered More and SUM and expected to be advised of upgrades and new products. Although More II had been advertised in the US since August 1988 I did not hear anything from TMC. As UK versions are usually delayed I was patient until January 1989 when I write to them. No answer! After another month I called them up telling them that I had seen their advertisement offering More II in the UK and was told that the actual program still had not arrived from the US. I called again for the next two months and finally I got fed up and wrote a letter to Symantec in the US complaining about TMC.

I was very pleased to receive a quick answer from Symantec (UK) Limited apologising for the troubles and informing me that TMC had gone into liquidation and that a new distributor had been appointed. What of course pleased me most was the fact that I received a free upgrade! Not only does Symantec produce excellent products, they also look after their customers and I will certainly recommend them to all my Mac-using friends!

Walter E Haefilger　　　　　　　　　　　　　🍎

Highbury New Park
London

Dear Alison,

I would like to have a letter printed in Apple2000 regarding the markup on a computer.

As I understand it corporate customers, educational establishments et al can obtain up to 40% discount off of the purchase price of computers. This, apparently, allows to the dealer a further 15% margin of the retail price. Therefore a computer costing £2500 retail, will, by this reckoning, come

into the dealer at approximately £1125. This is - if true - one hell of a markup, and again - if this is true - could this be the reason why computers cost so much more in the UK than in Europe and the USA?

I would think that some honesty from a dealer as to their actual gross profit margin would allay the fears of a right-royal-rip-off. There is, after-all, the old adage "A small profit, quick return". I'm not saying that the dealers should turn Socialist, but if the above is the correct markup the gross profit on a single sale is £1375 or 122% on top of the original wholesale price.

It is noted that there are overheads to pay, but can this level of profit-taking be absolutely necessary.
Bob Docker

❑ Well Bob, how you have managed to juggle figures, the Ministry of Misinformation should watch out!

The truth is not how you describe it at all. In the first place Apple supply the computers, the dealer sells them with whatever profit margin he can manage within the market.

Apple have a number of price lists, which one is used depends on who the end customer is. If you are in education, a journalist or a corporate buyer (buying very large numbers), then you do indeed pay from 30% to 40% less than the SRP. However, as a private individual, you should get a discount from most dealers as a matter of course.

The discount given to the first category of customer does not come from the dealer, but from Apple themselves. The dealer has the same percentage markup available to him whoever he sells to. Don't blame them for high prices or inflated profits, the average markup a dealer will make is only about 10% after all his discounts. Apple simply supply to the dealer at different prices depending on who the customer is. The dealer must prove that a customer is in education, or whatever, before he receives the extra discount from Apple.

Whether the original price is too high is another matter all together. At the last count, the price of a Macintosh in the UK was only some 14% greater than that of the US. I do not know if they discount heavily in their shops over there, but if they do not, then with a standard discount here, the price actually works out the same!
Editor   🍎

Chorlton Kings
Cheltenham

Dear Ewen,

As a retiree member who plunged into communications about a year ago, I would like to encourage Jeff Clayton to do the same. The rewards are well worth the effort and it need not cost a fortune.

When I began I was using a][+. First I bought a secondhand Pace Linnet modem and cable, then I picked up a SDuper Serial Card compatible and a copy of your Data Highway software. The cable was the wrong gender, too long and clumsy, so I made up

a new one with parts from the Maplin's catalogue. This all took about three months of careful shopping by watching the ads in Apple2000 and Micro Computer Mart, but I eventually got on line with a "recommended" modem for a total outlay of less than £150. You helped me through the initial learning stage and came up with solutions to the minor teething problems with the hardware and software.

Since upgrading to a //e about six months ago I have downloaded all kinds of goodies from the TABBS libraries. Although Data Highway runs in DOS 3.3 your Chameleon software works faultlessly to convert everything to proDOS. Recently I have tried using Talk Is Cheap as a low cost means of avoiding this slight hassle and am awaiting the manual with interest.

Getting into communications has greatly increased the scope of my computer usage, widened my knowledge and understanding of the Apple/Mac world and been the means of introducing me to many people with similar interests. I don't suppose I shall ever meet most of them face to face but I feel I have many new friends as a result of contacting TABBS and other bulletin boards.

My advice to anyone thinking about having a go at communications as cheaply as possible is to get hold of a secondhand Pace Linnet (don't pay more than £100), beg or borrow a copy of one of the shareware comms programs and give it a whirl. You can't damage your computer if you mess up - the worst you can do is annoy a few Sysops!
Peter B Dyson

❑ Thanks for the kind words about TABBS and also for my own program Data Highway. As an update to Data Highway, I wrote The Gazelle to fill the gap that ProDOS left in the Viewdata comms market.

TIC is an excellent comms package as you have found. There is an equivalent shareware program for the IIgs called FreeTerm. Both of these programs are available through the Apple II libraries or by downloading from TABBS.

I echo your thoughts on making new friends through a Bulletin Board. If it had not been for the original BASUG (Apple2000) bulletin board run by Quentin Reidford, I would not have become involved in Apple2000 in the first place, or indeed been encouraged to become a software developer.

I now regularly 'converse' with callers from Sweden, Spain, Ireland, Scotland as well as England and Wales. I can also contact members in the US at the touch of a macro!

Any problems that I may have, or those passed on to me from other members, are answered within a few days. Recently I wanted a source of 3 ring binders of the type used in the States. A messsage on TABBS and a few hours later it was suggested that I should go down the road to my local SupaSnaps photgraphic shop. There they sell a wide 3 ring album more than ample for my needs!
Ewen Wannop   🍎

Members' Small Adverts are FREE.
Please help us to help you.
Send your advertisements to us on a
disk, in Mac or Apple II text format.
We will return the disk, of course.
This saves us time, and avoids errors.

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disk, in Mac or Apple II text format.
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**WARNING: The sale of copied or pirated software is illegal.
Please ensure that items offered for sale are new or re-registered.**

FOR SALE

Apple Mac+ (1Mbyte RAM)

Qisk 45Mbyte ext. hard disk

Apple ext. 3.5" floppy disk drive

Olivetti ImageWriter-compatible printer

All less than 12 months old and in excellent condition.

Buyer collects. Cheque clearance required.

The lot (no offers) £1300

'Phone Philip Hirons ....█▌ ▊▐▊ ▊▐█▊

WANTED

The following Infocom adventure games for the Apple II:

    Wishbringer   Enchanter

    Sorcerer   Spellbreaker

'Phone Brendan (weekday evenings) .....█▐██ █▌█▌█▌█

FOR SALE

White plastic dust covers: Apple][, Apple][disk drive,
Silentype printer, Centronics printer ....each £3

Padmede accounting system for Apple][:

    Purchase Ledger / Sales Ledger / Sales Invoicing /
    Contract Costing / Quotation, Estimating /
    Stock Control / Incomplete Records ....each £15

'Phone Irene ....█▌█ █▐█ ▊▐█▐

FOR SALE

(All suitable for][+ or //e, unless otherwise stated)

3.5" 800k disk controller card £80

3.5" 800k disk drive £90

Apple][+ motherboard (populated)—not working £10

Applesoft Tool Kit c/w disk £7

BuzzBox v21 (300/300 baud) modem £20

Cirtech Eprom/Printer card set £20

Clock][full function clock card £20

KB3000 83-key detachable keyboard for Apple][+ ...£50

DFK-100 95-key detachable keyboard for Apple][+ .£55

Micro on the Apple vol. 1,2 & 3 c/w disk £10

Microsoft 16k language card £10

Microvitec medium res. colour monitor c/w card ...£150

Miracle modem WS4000 v21/v23 c/w leads £170

Visicalc c/w manual..£20

For Apple][+ :- Systematics International: ....each £20

     Financial Planning / General Ledger /

     Purchase Ledger / Sales Ledger /

     Stock Control / Training and Demonstration

ALSO many books...each £2

ALSO many games, all original with manuals ...£3 to £7

All prices exclude P&P.

'Phone Peter Wilson ....█▐█▐██▌█▌ ▊▐▊

FOR SALE

DMS SCSI card for the Apple IIGS — allows the use of the
DMS hard disk with the Apple IIGS.

This card is BRAND NEW!

'Phone Raj ....▊▐█▊ ▊▐▊▐▊█

FOR SALE

Apple //e, enhanced, extended with Z80, Grappler+;
2 x 5.25" drives plus controller; Orange monitor;

Apple /// monitor £250

Cirtech Plusram 16 with 1Mbyte fitted.................£160

Profile, 5Mbyte with controller and card..............£150

Apple //e mouse with controller £100

Software incl. Appleworks with Timeout Desktop, File-
master, Ultramacros, Macrotools I & II, Pinpoint RunRun
and many others.

Books incl. all manuals, Mastering Appleworks, Apple-
works, Basic Programming with Prodos, Prodos Tech Ref
Manual, Apple //e Tech Ref Manual and many more.

Sold separately or preferably as a single lot £610

'Phone John (in Gwent) ....▊▐█▊ ▊▐▊█▊█

The British Computer Society Disabled Specialist Group Conference

Under its Disability Programme, the British Com-
puter Society is holding a conference on 7th & 8th
November 1989 to help industry and disability
organisations in understanding each others' needs
— under the title "Working Together".

It will be held at IBM, Warwick, together with an ex-
hibition. There will be fifteen papers, presented in
four half-day sessions having the themes:

     Rôle of IT manufacturers;

     Enabling technology;

     Bridging the gap: training and employment;

     Equal opportunities.

The speakers are from computer manufacturers,
local authorities, disability units, polytechnics,
personnel management, etc.

**Enquiries to: Graham Watson, G6 Burton Lodge,
Portinscale Road, London, SW15 2HT.**

Alternatively, please send a S.A.E. to the P O Box
for a photocopy of the conference programme.

Macintosh Price Reductions

In a move to widen the user base for the Macintosh, Apple has announced reductions in the prices of its compact Macintosh Plus and SE products by up to 25%, and bringing the recommended selling price of the Macintosh Plus below £1000.

The full changes are:

Product	Current SRP	New SRP
Macintosh Plus	£1355	£995
Macintosh SE Twin Fl.	£2165	£1735
Macintosh SE 2/20	£2665	£2195
Macintosh SE 2/40	£2965	£2460
Macintosh SE 30 2/40	£3420	£3075
Macintosh SE 30 4/40	£3935	£3545

All the above prices exclude VAT.

Adobe Announcements

Adobe Systems Incorporated has announced the setting up of a UK subsidiary company. Based in London, Adobe Systems UK Limited gives Adobe a direct presence in the UK for the first time.

The principal objective of the new company is to improve Adobe's marketing and sales support of distributors and dealers and increase sales of Adobe's application software products in the UK market.

On an operational level, the UK company will be headed by Sue Thexton, Distribution Manager. Jerry Byma, Managing Director of Adobe's Amsterdam-based European headquarters has been appointed Managing Director of Adobe Systems UK Limited.

At its first-ever UK exhibition, Adobe Systems will launch the Adobe Type Manager in Europe.

The Adobe Type Manager makes Adobe's scalable font technology available to software developers and end-users. Using Adobe outline fonts to generate characters on screen, the Adobe Type Manager software can create characters on any computer screen at any size. This offers the end-user greater flexibility in using type and far better WYSIWYG (what-you-see-is-what-you-get) capabilities.

Adobe Systems Incorporated has announced that it is working together with Du Pont Imaging Systems to develop an arrangement that would allow Du Pont Imaging Systems to license Adobe's PostScript interpreter for inclusion in Du Pont's "4CAST" Digital Colour Imager/ Macintosh-based system.

The "4CAST" Digital Colour Imager from Du Pont is the first digital colour output device employing dye thermal sublimation transfer technology. The system can output image files from a number of standard data formats. "4CAST" achieves 256 levels of colour at each pixel location and can address 16.7 million colours to create high-resolution output.

Flying in PageMaker

"Flying in PageMaker" is a new book for Macintosh PageMaker users that's described as "not a manual, nor a design guide, but a tool for getting the job done — fast".

Author Roger Long is a full-time PageMaker pilot who has gathered together the gems of his experience so that others might benefit. The book is concisely and clearly written, so users can quickly absorb — and put into practice — the time-saving tips that it contains. For example:- how best to configure your system; how to prevent screen redrawing; the fastest ways to edit text

"Flying in PageMaker" is available at £9.95 (incl. p&p) from Hi Resolution Publications on 0580 211194.

Altsys Upgrade Products

Altsys Corporation have announced Fontographer v 3.0, which includes several new features and enhancements to the specialized graphics editor which is designed to simplify the creation of high-quality fonts, logos, and other PostScript artwork. Version 3.0 introduces such capabilities as automatic generation of PostScript and bitmap "hints", auto-trace of scanned characters, and integrated editing of bitmap fonts.

Fontographer 3.0 will ship within the next few weeks, and it will be available as an upgrade to registered users. Copy protection has been dropped for U.S. and Canadian users. Other users must register Fontographer in order to receive non-copy protected disks. Free technical support is provided to all registered users.

Altsys Corporation have announced the upgrade of Key-Master, and a change of name to "The Art Importer". The program creates high resolution PostScript fonts from Macintosh artwork. Company logos, symbols, signatures, graphics, and pictures can be used as typeface characters.

The new version will will allow the creation of graphic fonts with up to 256 characters. It supports EPS images imported from Broderbund's TypeStyler, Aldus FreeHand and Adobe Illustrator; and PICT images from MacDrawII, SuperPaint, and other object oriented drawing programs.

The Art Importer 2.0 will ship in early autumn, and it will be available as an upgrade to registered users.

For details of UK prices and availability, contact Ansys Expertise Ltd — 051 652 0909.

Aldus Persuasion Upgrade

Aldus Corporation has announced Aldus Persuasion 2.0, the latest version of the company's desktop presentations program for the Apple Macintosh.

This is a desktop presentations toolkit for outlining, word-processing, drawing, charting and formatting presentations. It can produce output for black-and-white or colour overheads and 35mm slides — as well as your speaker notes and audience handouts.

Aldus Persuasion 2.0 includes 12 new AutoTemplate designs, for a total of 36. Users can preview a template on the Macintosh screen before choosing it and applying it to the presentation, and they can also assign new templates to existing presentations or use their own slide designs to create additional templates.

Aldus Persuasion is packaged with a comprehensive user manual, new feature guide, step by step tutorials, an illustrated AutoTemplates guide, a collection of clip art, and presentation fonts. The software also includes context-sensitive Help.

Persuasion 2.0 supports the Apple LaserWriter, LaserWriter Plus, II NT, II NTX, and other colour and black-and-white PostScript language printers; the LaserWriter II SC and other colour and black-and-white QuickDraw printers; and QuickDraw-compatible film recorders, including those from Matrix, Mirus, and Presentation Technologies.

The recommended system configuration for Aldus Persuasion 2.0 is Macintosh Plus, SE, or II with 2MB of memory, plus a hard disk and one 800K drive.

The suggested retail price for Aldus Persuasion 2.0 is £450.00. Owners of Persuasion 1.0 will be able to upgrade to 2.0 for £45.00. Available towards the end of 1989.
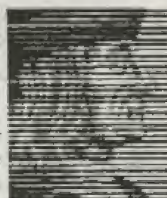
Apple Slices

The MacUser Show 1989

Apple2000 extends a warm welcome to all visitors to the MacUser show. If you are already a Macintosh user then Apple2000 may be what you are looking for. If you are considering becoming a Macintosh user, then Apple2000will be able to help you with the many choices that will face you.

We are a non profit making professional organisation, run by volunteers, our only allegiance is to our members.

We are Apple2000, the national all Apple User Group. Come and see us on stand No. 2046 and find out more about our magazine, newsletter and other membership services. ℮

DTP Grows Up

In the Beginning

At the beginning of 1984, the computer world was presented with the Apple Macintosh. It was not entirely a new concept, as much of its design had been worked out with its predecessor the Lisa. At first the Macintosh was presented as a 'poor man's' Lisa. With only 128k RAM and a 400k single sided disk drive, the Macintosh was indeed a poor relation to the Lisa. Little did we think then that this small box would change once and for all the face of the design and printing industry.

At the time of the launch, the ImageWriter was the only way we had of printing documents produced with the WYSIWIG word processors. The results looked very nice on paper, but the quality of the output was of little use for any other purpose. However within the year, the LaserWriter was introduced. Now we had the means of printing very high quality documents with a wide range of type faces and sizes, and even drawings could be output in high quality through the PostScript interface of the LaserWriter.

We now had two of the basic elements that make up the printing process, namely the means of entering text and printing the results. With the introduction of Aldus PageMaker, the final piece of the jigsaw was put in place, Desk Top Publishing was now born and the rest of the story is history.

Apple2000 Embraces DTP

By December of 1985, Apple2000 had abandoned the daisy wheel printer and pot of glue, and was producing its bi-monthly magazine entirely on the Macintosh with the aid of PageMaker 1.0. The output from the LaserWriter was made on high quality paper, and the copy was sent direct to the printer without the need of time consuming paste ups. In 1989 we have now moved on to PageMaker 3.5, and we produce the magazine simultaneously on three different Macintosh computers.

The Design World and DTP

I have seen the rise of Desk Top Publishing both through the eyes of a Macintosh enthusiast, and one who works with designers and typographers. I have been fascinated by the way that DTP in 1989 has at last grown up and is now accepted in the traditional world of design and print.

In the first year of DTP, it was the computer users who embraced its potential. It allowed them to produce copy that was of a very high standard, and led to many jobs being printed in this way that would otherwise have been output on the daisy wheel printer or electric typewriter. However, computer users are rarely designers, and the results lacked much in design content. This led the 'real' designers to dismiss the process as being a flash in the pan, and definitely not 'the real thing'.

The second year of DTP produced a change in focus. Many of the customers who were now commissioning DTP, realised that the quality of output was not good enough and demanded a higher design input. The original users of DTP started to learn the elements of design and things started to look up. However the 'real' designers were still saying 'this is not the real thing'. I remember saying to them then that it would only be a matter of time till DTP would be accepted in its own right, or would have to be accepted because no one would pay for any other process.

Good as the LaserWriter is in its print quality, the main objection from the traditional designers is that the 300 dpi is not good enough for conventional printing. The computer typesetting machines they then used had typically 1200-2400 dpi and produce a superior printout on photo-typesetting paper or film. However, these machines cannot draw or print complex typesetting of the kind common on the Macintosh. The manufacturers of these machines had realised the potential of the Macintosh, and were starting to produce PostScript Imagesetters in addition to their traditional machines.

The final link was now in place and quality DTP could now be produced that was definitely 'the real thing'.

The computer world now waited for the acceptance of DTP by the designers. It did not happen as was expected, and took another year to take the final step into the 'real world'.

The Designers Wake Up

What had happened was quite interesting. Designers are busy people. Their craft is acquired over many years. They have little time to spend learning

what to them is an alien and new thing, the Macintosh and its interface. They were not computer literate, and had no time to spend becoming so. The excuses they made were legion, 'the letter spacing is not good enough', 'the PostScript fonts are not drawn well enough' and 'we do not do things that way'.

In the colleges, however things were beginning to happen. Pressure was being put on staff to become involved with the Information Technology revolution. Macintoshes started to appear in the classrooms and the students predictably went wild. They did not worry about 'what was right' or 'what was traditional' and simply got on with learning what these amazing machines could do for them.

At Last The Designers Take Notice

1989 saw the final acceptance of DTP as the work horse of the 90's in design and publishing. This final stage happened in various areas simultaneously. Almost every Graphic Design course had by now at least two or more Macintoshes available for student use. Students leaving college in the summer of 1989 were for the first time Macintosh literate. The design studios who had not already discovered the Macintosh, had in 1989 installed a system to evaluate. They were worried that they might be left behind by this 'new' revolution that was infiltrating their world. They themselves had not had the time to get to grips with the Macintosh, but the students who were being given jobs with them in the summer of 1989, were at home on these systems. They knew precisely what they could do and did it easily.

Image setting bureaux started to proliferate, and the design agencies had at last realised they had a new and very powerful time saving tool at their disposal. Not only that, they finally realised this was a new tool that allowed them to do things they had never dreamt were possible before.

The scanner had also come of age in 1989, and could now produce a respectable half-tone already pasted within a document and printed complete with the rest of the page. No more expensive scans needed to be made in the darkroom. Also the imagesetter was affordable by a large design studio, and installing one streamlined the design process immensely.

Whatever Next

There are a two more steps that still to be made for all the traditional steps of the design and printing industry to be made available to the DTP operator. I do not see them taking long however. There is still not a quick and cheap colour LaserWriter. This must be very near now, and I would not think would be more than twelve months away. The desktop colour scanner does not yet have adequate quality at a price a studio can afford. This again should not take long as there is already a very good machine available in the Sharp scanner.

Where do we go from here? With all of the traditional printing methods now available on the desktop, I am sure we shall see the demise of the traditional darkroom processes, the computer typesetter and the paste-up table. Also there is no reason why a laser plate maker could not be produced, removing one more unnecessary stage in the printing process. There is also no reason why a colour LaserWriter could not be made large enough to handle large sheet sizes or even roll paper. This would allow complex full colour designs to be made with short runs. Something that is extremely expensive at the moment. Quality colour printing would then take on an entirely new meaning.

Ewen Wannop

US and UK Macintosh Prices

Battle has always raged over the prices charged by Apple for their computers here in the UK. For a long time it was considered that a dollar for pound exchange prevailed. However, with the recent price reductions, it is interesting to compare the cost of four basic machines here and in the US. The prices shown are all recommended retail prices and are in pounds Sterling. VAT is included in the UK price and I have also shown the US price with 20% VAT and customs duty as well. This is the end price if you were to personally import a machine. Of course you will be able to purchase with a discount on both sides of the Atlantic. We cannot reflect this in a fair comparison however.

Computer	US price	US+Duty	UK+VAT
SE 2/40	£2708	£3429	£2829
SE/30 2/40	£3224	£3868	£3536
IIcx + colour screen	£4430	£5316	£5307
Portable 1/40	£4192	£5030	£5169

The SE shows comparability with the UK price and it would not be worth importing one of these. The IIcx is £900 cheaper in the States but would cost the same if imported. The Portable £1000 cheaper and even with duty is worth importing!

Certainly price differences are not what they were and we shall have to stop saying that the UK prices are higher than the US! However, we can still say that they are too high in the first place!

The move by Apple to harmonise prices is welcome. I could never understand why the price of an Apple computer should reflect US price structures, after all they are assembled in Ireland from parts that originate in the Far East.

Mac/Apple Postponed

The Mac/Apple event planned for the 25th of November has regrettfully been postponed to the new year. It is hoped that it will be held at the same venue on the 24th of March.

John Elver who is organising the event, found that for many reasons, not to mention the enthusiasm with which the event was being received, just could not get everything organised in time for the November deadline.

The show should go ahead, in the same format, next March. We will keep you in touch with the new date and other details as soon as we receive them.

In the meantime if you would like further information, phone John Elver on ▓▓▓▓▓▓▓▓ (evenings), or write to Apple/Mac, 198 North Road, Stoke Gifford, Bristol, BS12 6PH.

The NewsBytes™ archives are written by Steve Gold and are featured each week on TABBS. These, in addition to the twice weekly update of the Teleputing Hotline News, keeps callers to TABBS up to date with the latest news in the computer world.

The following articles are extracted from recent editions of NewsBytes™.

CD ROM USER GROUP LAUNCHED SWANSEA, WALES, 1989 AUG 25

The UK CD-Rom User Group has been formed by Paul Fletcher, a computer entrepenuer from Swansea in Wales. The group has a monthly newsletter and a quarterly guide to CD-Rom publications. Subscriptions to the User Group cost UKP 49 a year.

"We've got some ambitious plans for the CD-Rom user group. It seemed obvious to us that there was very limited support for end users of CD-Rom technology in the U.K., so we set up our own user group," Fletcher told Newsbytes.

The quarterly guide to CD-Rom disks available is published in both hard-copy and on disk. As well as this, and the monthly newsletter, Fletcher has great plans for the group, including a discount scheme for CD-Rom disks from third-party suppliers, and a product evaluation service.

(Steve Gold/19890825/Press & Public Contact: Paul Fletcher, UK CD-Rom User Group, High Wings, Rhyd-y-Pandy, Morrison, Swansea SA6 1XX - Tel: (after 6:30pm weekdays) 0792-844370)

ADOBE OPENS UK OPERATION TO SUPPORT USERS LONDON, ENGLAND, 1989 SEP 02

Adobe Systems has opened a UK office to support its resellers and send users. Based in London, the office will supplement the support that its existing Amsterdam-based European headquarters provides to users in the UK. Heading up the UK operation is Sue Thexton, late of Letraset, one Adobe's two UK distributors, who is the company's UK distribution manager.

"The idea is that users will feel they're getting local support for Adobe products, rather than having them call Amsterdam each time," she told Newsbytes

Thexton will be supported in her role by Jerry Byma, Adobe's European managing director, who also becomes Adobe Systems UK's managing director. Thexton will be responsible for day-to-day running of the UK operation.

(Steve Gold/19890902/Press & Public Contact: Sue Thexton, Adobe Systems UK - Tel: 01-944-1298)

APPLE MAC IICR IN THE PIPELINE? STOCKLEY PARK, 1989 SEP 30

Further details of Apple's next release in the Mac stakes, mentioned in last week's Newsbytes, have been revealed. The machine has been provisionally called the IIcr series and, as reported, will centre around a 33MHz 68030 microprocessor.

Confirming Macintosh News' reports late last month, Newsbytes' UK sources in the Apple world have said that the IIcr is being readied for a March 1990 roll-out, with volume shipment expected during the second quarter.

The machine will be fast - very fast - thanks to the use of an 20MHz NuBus architecture and an 120 pin DMA (direct memory access) expansion slot. The DMA slot will be used for a variety of Ram caching products expected from third-party companies.

Industry sources suggest that, by coupling a Ram-caching unit onto the 120 pin DMA bus, the IIcr could be anything up to four times faster than the 25Mhz 68030-based Mac II unveiled alongside the Mac laptop last month. An Apple UK spokesman, whilst declining to comment on the IIcr's product specifications, confirmed that the Mac System 7.0 software will be shipped in the UK during April or May of 1990.

Details of the Mac System 7.0 system have now been firmed up by Apple. The software will feature improved sound processing, multiple sound channel support and a CPU load management system. A major feature of the software will be improved 32-bit graphics handling.

One major feature of the System 7.0 software will be support for multi-tasking, a feature which will be exploited by the IIcr, say Newsbytes sources. Newsbytes predicts that the IIcr is, despite Apple's protestations of late, a machine designed to push the Mac still further into the Unix workstation marketplace.

(Steve Gold/19890930/Press Contact: Frank O'Mohoney, Apple Computer UK - Tel: 01-569-1199)

ADD-ONS COLOUR HAND SCANNER LAUNCHED SOUTHAMPTON, ENGLAND, 1989 SEP 30

Addons Limited, the Southampton-based distributor, has launched the world's first colour scanner. The UKP 499 unit was launched at the Personal Computer Show in London last week.

The Cameroon hand-held scanner works to a 12 bits per pixel definition and has a palette of 4,096 colours. It will also operate in black and white.

The unit is compatible with the IBM PC and close compatibles, as well as the Commodore Amiga. Versions will shortly be available for the Apple Mac and Atari ST series of computers. Suitable OCR and graphics software is included within the UK 499 price tag.

(Steve Gold/19890930/Press & Public Contact: Victor Unt, sales director - Addons Limited - Tel: 0703-620202)

SIEMENS 4MB CHIPS, MUNICH, WEST GERMANY, 1989 JUL 07

Siemens, the West German electronics giant, has announced plans to ship 4MB DRAM (dynamic random access memory) chips by the end of the year. Unlike IBM, which has also announced the development of 4MB DRAM chips, Siemens plans to offer the chips to third-party companies.

Siemens' announcement of the availability of 4MB DRAM chips before the end of the year could hasten the fall in chip prices that have been occurring in Europe these past few months. One chip buyer Newsbytes UK contacted last week, said that DRAM chip prices had fallen by as much as 20 per cent over the past year. The price fall was most marked on 256K DRAM chips, whose price jumped by about 50 per cent last year.

(Steve Gold/19890707)

The FORCEFAX Gateway

FAX GATEWAY FOR TELECOM GOLD

Mailfax is an electronic fax and mail messaging service, that allows you to send fax and mail messages right from your own terminal. You can send fax messages to any Group 3 fax machine worldwide and copy the fax message to any Dialcom/Telecom Gold mailbox. (The messages can contain text only).

You can use Mailfax to send fax and mail messages to more than one recipient.

Once you have sent your message, you can track it using the queue facility. Once the message has reached its destination, a mail message is sent to your mailbox notifying you of delivery or informing you of the reason for non-delivery.

If the receiving fax machine is busy or the line is down, Mailfax will try to re-send the message a further four times at five minute intervals. The fax is delivered to the fax machine with a free cover sheet, giving your mailbox number and the time the message was sent.

MAILFAX PRICES

Fax Rates:

Your messages are charged in kilocharacter (or part thereof). 1 kilocharacter = 1024 characters (approximately 2/3 of an A4 page)

The charge varies according to destination:-

UK destinations	0.45 pounds
European destinations	0.85 pounds
North American destinations	1.20 pounds
Rest of World destinations	1.50 pounds

Mail rates:

The mail messages that you send whilst using Mailfax are charged at the usual Dialcom/Telecom Gold e-mail rates.

USING MAILFAX

You can type HELP at any of the fax prompts.

Basic instructions to send a fax:- To access Mailfax, enter FAX at the system prompt >. You will then receive the Send or Queue: prompt.

To send a fax message, enter SEND at the Send or Queue: prompt.

You will then receive the To: prompt.

At the To: prompt, enter the command FAX and the recipient's fax number. You MUST include the country code (even if your fax message is being sent to within the same country) and all relevant STD codes. Remember to drop the 0 from the STD code as you would for an international call. Thus if you are in the UK and are sending a fax to a London number, the UK country code 44 MUST still be used. You then add the code 1 for London (not 01).

At the To: prompt you can find country codes by typing DIS COUNTRY X where X is the country you want. You will be shown the country code you have requested. You will then receive the To: prompt again so that you can input this country code as part of a number.
e.g. To: dis country france
     FRANCE   33
  To: fax 331786352

You can also send to mailboxes. Simply add the mailbox number as a carbon copy. You can add ex in your To: line to send the mail message express priority.

e.g. to send a fax to a Birmingham fax machine and a copy to a Telecom Gold mailbox

>FAX
Send or Queue: SEND
To: FAX 44-21-2784653 cc 82:abc123

Here, 44 is the UK country code, 21 is the Birmingham code and 2784653 is the fax number. 82:abc123 is the mailbox number.

Be sure to insert a blank space in between the command FAX and the fax number. You can include dashes and blanks in the number, but they are not required.

When you add a mailbox address to your recipient list, you will receive a Subject: prompt. This subject line will appear only on your mail message, it will not appear on your fax message.

When you receive the Text: prompt, enter the text as you want it to appear to your recipient. Fax messages have a 80-character-per-line limit. In your text, you should enter any attention lines, reply instructions and commentary for your recipient.

e.g.
Text:
      FOR THE ATTENTION OF JOHN DAVIES
                  MANAGING DIRECTOR
      Please phone me with you comments.

You can use the .load abc123>filename command to load up a file you have prepared off-line. NOTE: This is slightly different to the normal way you would load a file. You can also use the ".dis country name" command to show the country codes you want. This facility will also search for any character that you put in and show the relevent countries.

When you are ready to send the message, type .S

After you have typed .S, you will receive a message telling you how many words your message contains in how many lines.(Please note that a word is taken to be 6 characters. Your fax number and spaces between words are included in the character count.

Tracking your fax messages:-

To display the status of the fax messages you have sent, type QUEUE at the Send or Queue: prompt.

You will then receive the Queue Command: prompt. To scan the fax messages you have sent, type SCAN at the prompt.

You will then receive the Enter date: prompt.

If you want to see that status of faxes you sent on this day, just press RETURN. If you want to see the faxes you sent on a date last week, enter the date for a week ago. The date format is MM/DD/YY,

so to enter 21st September 1988, enter 092188. Then press RETURN.

You will then receive a queue display of all faxes you have sent.

NOTE: IF YOU HAVE NOT SENT ANY FAXES YOU WILL NOT RECEIVE ANY QUEUE DISPLAY BUT WILL BE RETURNED TO THE QUEUE COMMAND: PROMPT.

Example queue display:-
```
QUEUE USER  SEQ  DATE    TIME  SYS
MSG NO.  NAME  NO.  QUEUED  QUEUED
NO.  TYPE  ADDRESS    STATUS
1    abd123 370001 06 23 88 09.14  81  FAX
4412058374 accept
```
Queue No. is the number of the message in the queue. User Name is your ID. Seq.No. is the reference number of the message from your mailbox. Date and Time Queued is the date and time your message was placed in the queue. Sys No. is the system number from which the message was entered. Msg Type indicates that you have sent a fax message. Address is the fax number you have entered.

Your queue display will also indicate the status of all your faxes. There are 4 different status codes:-

WAITING   Your message has not yet been placed in the sending queue

SENT   Your message has been sent to the fax carrier

ACCEPT   The fax carrier is attempting to deliver the message

ACKNOWLEDGED Your message has been delivered, or message is undeliverable and has been cancelled. A message will automatically be sent to your mailbox notifying you of delivery or reason for non-delivery.

After receiving your queue display, you will be returned to the Queue Command: prompt. Press the RETURN key to return to the Send or Queue: prompt.

More advanced facilities in Mailfax:

To send messages to more than one recipient -

Simply insert a space between recipient fax and mailbox numbers. If you need more than one line for your recipients, put a & sign at the end of your current line and press RETURN.

To receive a delivery notice express priority -

Enter CNX at the TO: prompt or as a dot command within text.

e.g. To: CNX FAX 4412094736 cc 87:abc123

When your fax is delivered or found to be non-deliverable you will receive an "Express letter call form FAX-RECEIVER" message.

Useful dot commands in Text -
(dot commands should be typed on a new line)

to edit online text	.ed
to load a file	.load abc123>filename
to send mail express priority	.ex
to carbon copy	.cc
to blind copy	.bc
to justify text	.ju
to remove address X from To: list	.remove
to display text so far	.dis
to display all recipients and text	.dis all
to display recipients	.dis to
to display country code for XXXX	.dis country XXXX
to delete all text	.scratch
to place entire text in uppercase	.uppercase
to scan items in queue	.queue
to check format of text	.check
to send only acceptable formats	.sendok

Shareware Court Case

SHAREWARE COMPANY WINS IN COURT

Disk Distributors, companies that package and sell shareware programs without the author's permission, now are legally required to pay royalties to the authors of shareware. According to Jonathan Wallace, an attorney who specializes in computer matters, a recent trial in Texas apparently was the first in which a shareware copyright was the subject of litigation.

Wallace, an Assistant Forum Administrator for CompuServe's Law Forum (GO LAWSIG), represented Datastorm Technologies Inc. Datastorm, the developer of the PROCOMM telecommunications program, complained that the defendant, Software-to-Go (STG), had never obtained Datastorm's permission to sell PROCOMM.

STG was in the business of packaging and selling a variety of shareware programs to computer dealers.

In its decision against Software-to-Go, the court ruled that STG had sold hundreds of illegal copies of PROCOMM, and that the firm was liable for statutory damages based on the sale of approximately 700 illegal copies of PROCOMM.

"STG was a normal disk vendor selling copies of Procomm without permission, said attorney Wallace. "Any shareware author which distributed its product with appropriate license language could sue any other disk vendor on the same theory."
—James Moran

National E-Mail Register

National E-mail Registry is a database of more than 25,000 electronic mail users. Through its on-line directory one can find mail box addresses of other E-mail users all over the world. A block of 20 searches costs $10.

To register it is necessary to dial the USA number 203-245-7720. Communication parameters are 7E1 or 8N1.

A user in this country must either be able to use Bell tones or communicate at baud 1200/1200. This, unfortunately, excludes most U.K.Apple users who own modems which only operate at 1200/75 or 300/300.

For information about E-mail contact Compuserve user 72147,126 or phone U.S.A. numbers 800-843-6088 or 215-245-4018.
Arthur Robinson

Macintosh II Upgrade

With the increasing demand for the Macintosh IIcx, the vanilla Macintosh II has finally bitten the dust. To keep up with recent advances in chip design and software, it is advised that you should upgrade your Mac II motherboard to a Mac IIx.

The recommended price for this transplant is £1265. This includes the trade in of the old logic board. A SuperDrive can be fitted by your dealer at the same time for £425.

System 6.0.4 Released

Release Notes for Macintosh System 6.0.4

Please note that System 6.0.4 is only recommended for machines of the Mac Plus level (1 megabyte of RAM) or higher. Apple recommends that users who do not have a specific need to use 6.0.4 not migrate from their present System (6.0.2 or 6.0.3) UNLESS YOU OWN A MACINTOSH PORTABLE OR MACINTOSH IIci. However, there are enough bug fixes and feature enhancements to warrant installing this new System if you have the time and inclination.

Contents of the System 6.0.4 Release disk set

The October, 1989 Macintosh system update consists of four 800K HFS-format disks, arranged as follows:

"System Tools" disk
  "System Folder", containing:
    "Clipboard File"   (V6.0.1, Created automatically)
    "Finder"   (V6.1.4)
    "General"   (V3.3.2, Control Panel file)
    "Monitors"   (V4.1, Control Panel file)
    "Startup Device"   (V3.3.1, Control Panel file)
    "System"   (V6.0.4)
  "Apple HD SC Setup"   (V2.0)
  "Installer"   (V3.0)
  "Installer Script"   (V6.0.4)
  "Read Me"
  "TeachText"   (V1.2)
  "Printing Tools" disk
  "AppleTalk ImageWriter"   (V2.7)
  "ImageWriter"   (V2.7)
  "Laser Prep"   (V5.2)
  "LaserWriter"   (V5.2)
  "LaserWriter IISC"   (V1.1)
  "LQ AppleTalk ImageWriter"   (V2.0)
  "LQ ImageWriter"   (V2.0)
  "PrintMonitor"   (V1.2)

"Utilities 1" disk:
  "System Folder", containing:
    "Access Privileges"
    "AppleShare"   (V2.0.2)
    "Backgrounder"   (V1.2)
    "Clipboard File"   (V6.0.1, Created automatically)
    "Color"   (V3.3.2, Control Panel file)
    "DA Handler"   (V6.0.4)
    "Finder"   (V6.1.4)
    "General"   (V3.3.2, Control Panel file)
    "Keyboard"   (V3.3.1, Control Panel file)
    "Monitors"   (V4.1, Control Panel file)
    "Mouse"   (V3.3.1, Control Panel file)
    "MultiFinder"   (V6.0.4)
    "Sound"   (V3.3.1, Control Panel file)
    "System" *   (V6.0.4)
  "Apple HD SC Setup"   (V2.0)
  "Disk First Aid"   (V1.4.2)
  "HDBackup"   (V1.1)
  "Responder"   (V1.1.1)
  "TeachText"   (V1.2)

"Utilities 2" disk:
  "Apple File Exchange Folder", containing:
    "Apple File Exchange"   (V1.1.3)
    "DCA-RFT/MacWrite"   (V1.0.1)
  "Font/DA Mover Folder", containing:
    "Desk Accessories" **
    "Font/DA Mover"   (V3.8)
    "Fonts" ***   )
  "MacroMaker Folder", containing:
    "MacroMaker"   (V1.0.1)
    "MacroMaker Help"   (V1.0.1)
    "Macros"
  "System Folder Additions", containing:
    "CloseView"   (V1.1)
    "Color"   (V3.3.2)
    "Easy Access"   (V1.0.1, move mouse with keys)
    "Key Layout"   (V2.3.2, used by KeyCaps)
    "Keyboard"   (V3.3.1, Control Panel file)
    "Map"   (V1.2)
    "Mouse"   (V3.3.1, Control Panel file)
    "Portable"   (V1.0, Control Panel file)
    "Scrapbook File"   (V6.0.1)
    "Sound"   (V3.3.1, Control Panel file)
    "Startup Device"   (V3.3.1, Control Panel file)

* The System on the Utilities 1 disk is 6K larger than the one on the System Tools disk. If you only download one, we recommend the System file from the Utilities 1 disk.

** The Desk Accessories file contains Alarm Clock, Battery, Calculator, Chooser, Control Panel, Find File, Keycaps, Note Pad, Puzzle and Scrapbook

*** The Fonts file contains Athens 18, Cairo 18, Courier 9/10/12/14/18/24, Geneva 10/14/18/20/24, Helvetica 9/10/12/14/18/24, London 18, Los Angeles 12/24, Mobile 18, Monaco 12, New York 9/10/12/14/18/20/24, San Francisco 18, Symbol 9/10/12/14/18/24, Times 9/10/12/14/18/24, Venice 14

Updating existing System disks

There are two ways to update your existing disks. The first is to simply use the Finder to copy the new System Folder onto your disks. IF YOU ONLY HAVE A SINGLE DISK DRIVE, we recommend this method. It is simpler than using the Installer program; however, in doing so you will lose any and all FKEYS, desk accessories, and fonts you have installed in your system.

Alternatively, you can use the Installer program to update existing system disks. Boot the System Tools disk (this is important - do not merely insert it while another disk is running; either power up or reset your Mac with the System Tools disk). For information on the Installer application (which is brand new and completely different from previous versions) use TeachText to read the "Read Me" file on the System Tools disk.

Additional notes

Please be sure that you remove any virus detection or security programs from your System Folder before launching the Installer. After you have finished installing 6.0.4, you may reinstall these programs.

If you are a Hypercard user, you should upgrade to Hypercard 1.2.5 if you plan to install 6.0.4. Contact your Apple dealer for information on how to upgrade.

For further information, PLEASE read the "Read Me" file on the System Tools disk.

(NOTE FOR CURRENT USERS OF SYSTEM TOOLS 6.0.2 and 6.0.3 !!!) System Tools 6.0.4 is very similar to version 6.0.2 and version 6.0.3. In the past, we have supplied descriptions of differences between System Tools releases. As of System 6.0.4, however, there are three supported versions of the System in general use, and the changes between the three are subtle enough that we have opted for supplying the System AS IS.   

Connexions

APPLE II / MACINTOSH CONNEXIONS

ProLINK £39.95

Running on the Mac, ProLink copies files to and from Apple II 3.5" ProDOS disks. Supports ProDOS-8/16 on the Apple side, and MFS/HFS on the Mac.

II IN A MAC £149.95

Running on the Mac, II in a Mac fully emulates an Apple //e in software and allows you to run Apple II programs such as AppleWorks actually on the Mac. Includes communications software for cable or modem transfer. (Cable extra).

APPLE II CONNEXIONS

COPY II PLUS £39.95

Converts Apple II 5.25" DOS 3.3 files to ProDOS, and will optionally transfer 5.25" disk contents to 3.5" so you can use ProLink, (requires Apple II 3.5" drive).

CHAMELEON £16.00

Converts 5.25" Apple DOS 3.3, Pascal and CP/M text files to ProDOS for Copy II+ 3.5" conversion and ultimate transfer to a Mac via ProLink.

THE BRIDGE £59.95

The Bridge will transfer Apple II pfs:FILE data to a DOS 3.3 text file for onward conversion via Copy II+.

VISICALC CONVERSIONS £10.00

Visicalc spreadsheet files can be read directly by Apple-Works after they have been converted to ProDOS by Copy II+. If you don't have AppleWorks, MGA will convert your Visicalc files to ProDOS AppleWorks for use with ProLink (Mac), or CrossWorks (IBM-PC). Generally the conversion price will be £10.00 per 5.25" disk plus cost of new media.

APPLE II / IBM-PC CONNEXIONS

CROSSWORKS £79.95

Connect the CrossWorks universal cable to your Apple II and IBM serial ports, (Apple][+ & //e require Super Serial Card or compatible), and simply transfer data at 19200bps by cable or modem. Extension cables (extra) allow hard-wired connections up to 50'. Apple II data must be in AppleWorks format (word processor, spreadsheet or database), and may be transferred to IBM Word Perfect, Lotus 1-2-3 or dBASE III files*. Importantly, CrossWorks works both ways, so you will be able to use IBM data in your AppleWorks as well. Word processor documents transferred keep underline, bold, centering, margins etc, spreadsheets keep formulae, cell formats, column widths etc, and databases keep category field names etc... NOTE: modem transfers require Hayes-compatible modem.

* If you don't use these PC programs, see "PC Converter+" in the IBM-PC CONNEXIONS SECTION.

MATCHPOINT/PC £195.00

This is a card which goes into an IBM-PC and allows you to read/write Apple DOS 3.3, ProDOS, Apple CP/M or Apple /// SOS files on the 360K 5.25" IBM-PC drive. An optional package, "UniDOS/PC" lets you run Apple CP/M programs on a PC for £69.95.

ENVOY £180.00

This Apple][+, //e or IIgs card allows you to connect IBM-PC 3.5" 720K or 5.25" 360K disk drives so you can read/write MS-DOS / ProDOS / Apple DOS 3.3 / Apple Pascal and exchange data in either direction. (Cables and drives extra as required). Bonus feature for the Apple II user is that PC drives thus connected are also available as ProDOS devices for programs such as AppleWorks.

PC TRANSPORTER £499.00

Actually a complete IBM-PC co-processor card for the slotted Apple II, PC Transporter easily allows you you exchange ProDOS & MS-DOS information. IBM-PC programs such as Lotus 1-2-3 actually run on the Apple with PC TRansporter installed. (Installation kit and PC type drives extra as required).

TRACKSTAR-E £445.00

Exactly the opposite of PC Transporter, Trackstar is an Apple //e co-processor card which goes in a PC and allows you to run Apple II software such as AppleWorks on the PC. Apple DOS 3.3, ProDOS and MS-DOS files are easily interchangeable.

II in a pc £149.95

Like Trackstar, II in a Pc is an Apple II co-processor, but the emulation is effected in software only. An IBM PS/2 is required, or other PC similarly equipped with VGA graphics and internal 3.5" drive.

IBM-PC CONNEXIONS

PC CONVERTER PLUS £79.95

If you like the idea of CrossWorks, but don't use Word Perfect, dBASE or Lotus, then convert your PC spreadsheet or database files with this extensive conversion program. Running on the PC, PC Converter+ will translate all of the following:-

dBASE II/III/III+ / Lotus 1-2-3 / FrameWork / Multiplan / Cornerstone / Symphony / SuperCalc / VP Planner / Q & A / pfs:PLAN/FILE / IBM Planning Assistant / PlanPerfect/MathPlan / DataPerfect / Trio / Visicalc / Perfect Clac / Samna+ / Silk / Smart Database/Spreadsheet / Dataflex / Rbase /Javelin / dBXL / RapidFile / Alpha/three / Twin / Reflex / Ability / ASCII / SYLK/ symbolic link / DIF/data interchange format / Delta files.

LAPLINK III £129.95

LapLink's universal cable connects any PC-type serial or parallel port for transfer of programs/data between desktops and laptops or any PCs with incompatible drive types. The serial cabled transfer can be up to 50' with optional extension cables, or a Hayes-compatible modem can be used for remote transfer. Also ideal as a simple information transfer package for any PC application where data is required immediately at a remote destination.

CARBON COPY PLUS £141.00

Ideal as a simple data transfer package, CCP's forte is in actually driving a remote computer by modem. Now instead of rushing hundred's of miles to effect a program patch, or recover crashed data, you can now stay put and save all kinds of money.

IBM-PC / MACINTOSH CONNEXIONS

MATCHMAKER £169.99

Putting the Matchmaker card into a PC allows you to connect a Mac external drive (£199.99) so you can read and write Mac disks. Ideal if you need easy regular conversions, or must send converted data disks by post or indeed, receive Mac information.

LAPLINK/MAC £109.95

LapLink's universal cable connects a PC/XT/AT serial port to the Mac serial port. Boot up the software on each machine and get ready to bidirectionally transfer data at 57600bps. Optional extension cables will allow up to 50' between the machines.

COPY II PC DELUXE OPTION BOARD £129.95

If you have a PS/2 or similar PC with internal 3.5" drive, you can pop in this card which turns the drive into a dual-purpose read/write MAC/PC unit.

Jon Gurr (Connexions Manager, MGA SoftCat)

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**WARNING: The sale of copied or pirated software is illegal.
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Apple][(upgraded to +) with lower case display &
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Keyzone clip-on fan with mains smoother...£25.00

The following items are also suitable for Apple //e:
Keyzone Spectragram RGB card and Compuser RGB
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Accelerator card using R65C02P2 chip for Apple 2e
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ASCII EXPRESS original software and manual
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ITT2020 64K Apple II+ compatible computer, includ-
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Apple Silentype thermal printer, complete with in-
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